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THE WM. H. MOON CO.
GLENWOOD NURSERIES

MORRISVILLE
PENNSYLVANIA

LANDSCAPE DEPARTMENT
PHILADELPHIA OFFICE
616 STEPHEN GIRARD BUILDING

The Wm. H. Moon Company

GLENWOOD NURSERIES

MORRISVILLE
PENNSYLVANIA

Philadelphia Office, Landscape Department
616 Stephen Girard Building, 21 S. Twelfth Street

J.H.McF.Co.

BORDER OF A LAKE, SHOWING LANDSCAPE ADORNMENT

What Our Landscape Department Does

It is our aim to show the best methods of obtaining the most desirable results in ornamental tree-planting, and we invite correspondence in reference thereto. We draw plans showing the location of drives and walks as well as the arranging of decorative tree-planting, taking the grounds in the rough or undeveloped state and bringing them to the finest condition attainable.

Consult us about the grouping of deciduous trees, including varieties to produce the quickest possible results, as well as arranging for the distant future by adding the century-living varieties, and also consult us about the best evergreens to plant in a limited space or on broader expanse, to produce that rich variety of color obtainable both in the taller-growing and the dwarf varieties.

We will gladly give advice regarding the planting of a bank of shrubbery not only intended to be a beauty in itself, producing a succession of bloom throughout the season, but at the same time being placed so as to screen some unattractive background.

We will give lists of varieties to plant in the herbaceous border, which seem to give the maximum of results in the minimum of space at a moderate cost. The remodeling of old lawns with their possibilities for the grouping of Rhododendrons or other shrubs thriving in shady quarters,—all such questions claim our attention.

The arrangement of the formal garden, with its never-ending interest, is a subject to which we give particular care.

Our operations are confined to no particular field or place; whether near or remote, we solicit your patronage.

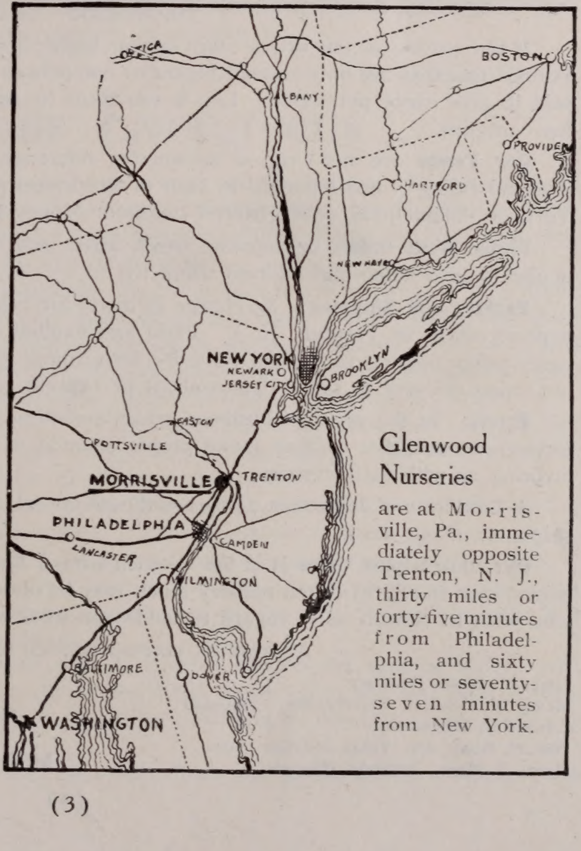
FORMAL GARDENING IS A SPECIALTY WITH US

The Glenwood Nurseries

THEIR STOCK, LOCATION, TRADE, ETC.

THE growing importance of the Glenwood Nurseries as a great and convenient center for the distribution of nursery stock yearly demands more space for descriptive notes and views.

Thirty-one years ago they were established, and since that time their growth has been like that of one of their own fine trees,—healthy, vigorous and rapid, taking in fresh acres and skilled new methods every year ; spreading symmetrically to cover all lines of outdoor decoration, until now they are superbly stocked with one of the most complete nursery collections, especially of ornamentals, to be found in the United States.



Glenwood Nurseries

are at Morrisville, Pa., immediately opposite Trenton, N. J., thirty miles or forty-five minutes from Philadelphia, and sixty miles or seventy-seven minutes from New York.

The collection, propagation and growth of such a stock has thus required many years of careful, persistent research and toil ; for we have striven for superiority of quality and genuineness of variety in all branches of our trade.

Nevertheless, we do not recommend everything in this Catalogue as being the very best or most desirable for everybody. Some varieties are best adapted to certain localities ; others are singular or grotesque specimens of plant growth, admired by many and wanted by only a few. Of many species, the distinction between varieties is so slight that none but enthusiasts will appreciate them ; but it is our business to cater to all tastes, and therefore it is necessary to enumerate many things which are valued especially because rare or odd.

The map shows the central location of the Glenwood Nurseries, near Morrisville, Bucks county, Pa., on the line of the Pennsylvania Railroad. They are about one mile from Trenton, N. J., thirty miles from Philadelphia, and sixty miles from New York, and are accessible by either the Pennsylvania Railroad

(New York Division), or the Bound Brook route to Trenton, N. J., where carriages can always be obtained at the depots. The New Jersey and Pennsylvania Traction Company's trolley passes our nurseries, leaving Warren and Hanover streets, Trenton, N. J., and Yardley, Pa. Yardley station, on the Bound Brook Railroad, is about two miles distant. Our nurseries are thus easily accessible from all points, and we are pleased to have customers visit them on any day except the Sabbath. A much better idea of our stock can be obtained in this way than from even the most explicit descriptive catalogue. As in the case of evergreens, from the height, or even from the number of buds and branches sometimes given, it is not always possible to judge of the value of stock.

Spindling odds and ends might measure more than our well-pruned, bushy, symmetrical young trees, and yet not be worth the planting.

It is here that the advantage of a nursery convenient for the inspection of stock before purchasing is felt, and we cannot too strongly urge upon the owners of large estates the importance of selecting their stock personally, or sending their superintendents or gardeners to do it.

Honest dealing and intelligent care of our customers has been a feature of our business from the beginning. We are confident that the customer in search of anything in the horticultural line cannot do better than visit our grounds or write us for estimates.

BUSINESS TERMS

If our prices on any article may appear higher than those of some of our competitors, be assured that they are only enough higher to compensate for the superiority in quality that we expect to give every purchaser. Life is too short to squander in nursing sickly trees or worthless varieties.

Our Terms are net cash or satisfactory reference. Orders from unknown parties, whose financial rating is not recorded in Dun or Bradstreet, must be accompanied by a Draft on New York or Philadelphia, or Registered Letter or Money Order on Morrisville, Pa.

Please Write Orders on separate sheet, apart from the body of the letter, and be very particular to give name and address distinctly.

Packing and Shipping. No charge is made for packing or for delivery to freight depots or express offices in Trenton, N. J. Plain and explicit shipping directions should be given with every order, naming mode and route for forwarding ; otherwise we will use our own judgment ; but, upon delivery to railroad, steamboat or express companies, our responsibility ceases.

Errors. In the press of business, errors sometimes may occur, of which we desire to be informed at once, that we may make proper amends, as we wish to render full satisfaction to all favoring us with their custom.

A Certificate of Inspection as to healthfulness and freedom from disease accompanies every shipment of our stock.

Our Philadelphia Office is at 616 Stephen Girard Building, 21 South Twelfth street, where any information in regard to our nursery stock may be obtained by all in that vicinity, and where all who wish to consult us in regard to landscape work should apply.

Address all correspondence to

James M. Moon, *President* }
Henry W. Comfort, *Vice-President* } *Directors*
Edward C. Williamson }
Wm. H. Moon, *Sec., Treas. and Gen. Man.*
Henry T. Moon, *Assistant Manager*

THE WM. H. MOON CO.
MORRISVILLE, PA., or PHILADELPHIA, PA.

BLOCK OF EVERGREENS AT GLENWOOD

Coniferous Evergreens

EVERGREENS are our great specialty. To grow and sell the finest in the United States has been our aim for over a quarter of a century. The successful transplanting and handsome growth of "Moon's Evergreens" have become proverbial, and the ever-increasing demand is both reward to past and incentive to further efforts.

The soil of Glenwood Nurseries is especially adapted to the growth of Evergreens, insuring fine, fibrous roots. Frequent root-pruning in midsummer and early autumn also contributes largely to their success when transplanted, and our method of shipping specimen trees, with balls of earth and burlap covering about the roots, practically insures fine growth when planted again. Evergreens may be planted in spring, or with equal success later, in August and September.

They cannot be valued by height alone. The shearings frequently given them are to reduce their height, and make them grow into beautiful symmetrical specimens. The structural form and root-masses should determine the value of all trees and shrubs.

This fact makes it very difficult to describe Evergreens fully, and accounts for difference in price where but slight difference in height occurs. At Glenwood we have many specimen Evergreens, whose beauty must be seen to be fully appreciated, and we cannot too strongly emphasize the fact that buyers should, when at all possible, visit our nurseries to inspect the splendid stock we offer. The central location of the Glenwood Nurseries, as shown by the map on page 3, is thus an advantage that is yearly more realized.

Besides their recognized value for specimen trees, massing, shelter-belts, screens, hedges, etc., the tall Evergreens form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver-blue growths of smaller Evergreens.

With Evergreens of moderate growth, beautiful effects are produced by planting close

NORDMANN'S SILVER FIR (See opposite page)

together in beds, varieties that contrast finely. For such hardy beds of permanent color, the Retinosporas, Arborvitæs, Blue Spruce, etc., are particularly useful. Hotels and private houses also use them for filling window boxes and jardinières for interior decoration. The different forms of Arborvitæ, Retinospora, Spruce, Pine and Juniper are preferred for this purpose. The contrasting colors of green, silvery blue and golden foliage give a gay and beautiful appearance to these combinations, whether in window-boxes or in more extensive outdoor plantings of beds or borders. There is an increasing appreciation of and demand for these evergreen decorations.

If those who intend planting Evergreens will confer with us, we can offer valuable suggestions and may be able to name special inducements on certain varieties in quantity. Our trees, having been recently transplanted, are remarkably well supplied with fibrous roots, which our careful digging and packing preserve in full vigor through the longest shipments.

Abies · The Firs

INCLUDING PICEA, THE SPRUCES

Evergreens of much elegance and dignity, with considerable variety in their tones of green and blue. The Spruces have needle-shaped leaves scattered all around their shoots. The Firs have flatter leaves, mostly two-ranked. All are vigorous and hardy, especially our native species.

Abies Apollinis. Similar to Nordmann's Fir, but has lighter foliage and is more compact.

3 feet, specimens	$5 00
5 to 6 feet, specimens	$10 00 to 15 00

A. balsamea. BALSAM FIR. Dark green needles silvery beneath. Very hardy; of rapid growth when young, and does well in moist places.

1½ to 2 feet	$0 50
2 to 2½ feet	75

A. concolor. COLORADO FIR. A distinct, hardy species from the western states. The foliage is of a silvery green color, nearly as bright as that of the popular Blue Spruce. Of fairly rapid growth.

2 to 3 ft., specimens	$2 50 to $5 00
3 to 4 ft., specimens	6 00 to 8 00

A. Fraseri. FRASER'S SILVER FIR. Similar to the well-known Balsam Fir, but of finer habit and having darker foliage.

1 to 2 feet	$0 50
2 to 3 feet	1 00

A. nobilis, var. glauca. NOBLE SILVER FIR. A beautiful evergreen. The young foliage is a silvery blue, and harmonizes well with the darker coloring of the older needles. It is particularly handsome in the spring. 1 to 1½ feet, $1.50.

A. Nordmanniana. NORDMANN'S SILVER FIR. As a specimen tree is almost peerless. It is very hardy and forms a thick, dense tree of beautiful proportions, well adapted by its moderate growth even to small areas. The foliage is wide, thick, dark green and lustrous, with a beautiful silvery under surface that makes the tree sparkle in the sunshine. See illustration, page 6.

1½ to 2 feet	$1 50
2 to 3 feet	2 50 to $4 00
3 to 4 ft., specimens	5 00 to 6 00
4 to 5 ft., specimens	6 00 to 10 00

Write for prices by the dozen, hundred and thousand

Abies pectinata. EUROPEAN SILVER FIR. Grows rapidly into pyramidal form. Foliage has a rich silvery effect.

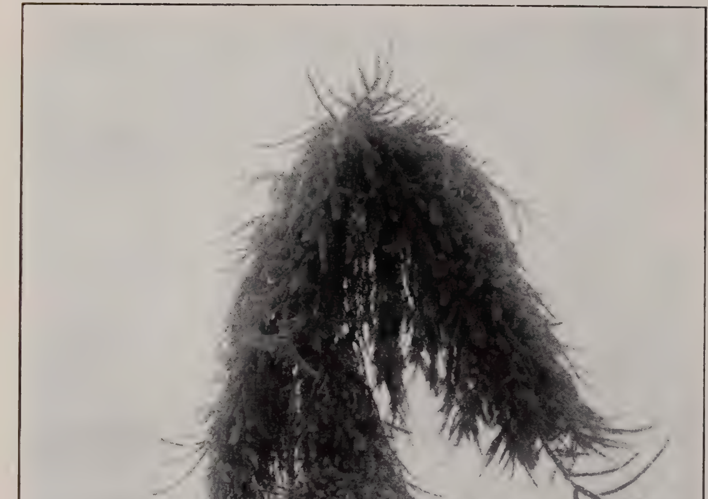
1½ to 2½ feet	$0 50
3 to 4 feet	2 00
4 to 6 feet	3 00

PICEA EXCELSA (See page 10)

Abies Pinsapo. SPANISH SILVER FIR. The short, coarse, steel-blue needles are disposed in whorls around the branches. Very attractive. 1 to 2 feet, $1.50.

var. glauca. In character resembling the above. Has silvery blue foliage. 1 to 1½ feet, $1.50.

Abies polita. TIGER-TAIL SPRUCE. A peculiar open-headed evergreen, whose grotesque, slender branches are covered with dark green foliage. It is unique and a valuable specimen tree, and grows to 90 feet; when old somewhat resembles in character the Norway Spruce, with more pendulous branches. 3 to 4 ft., $3.



PICEA EXCELSA INVERTA (See page 10)

Picea · Spruces

Picea alba. WHITE SPRUCE. A naturally dense, native tree of medium size, and beautiful blue-gray color.

1 to 2 ft.	$0 75
4 to 6 ft., specimens	$4 to $8

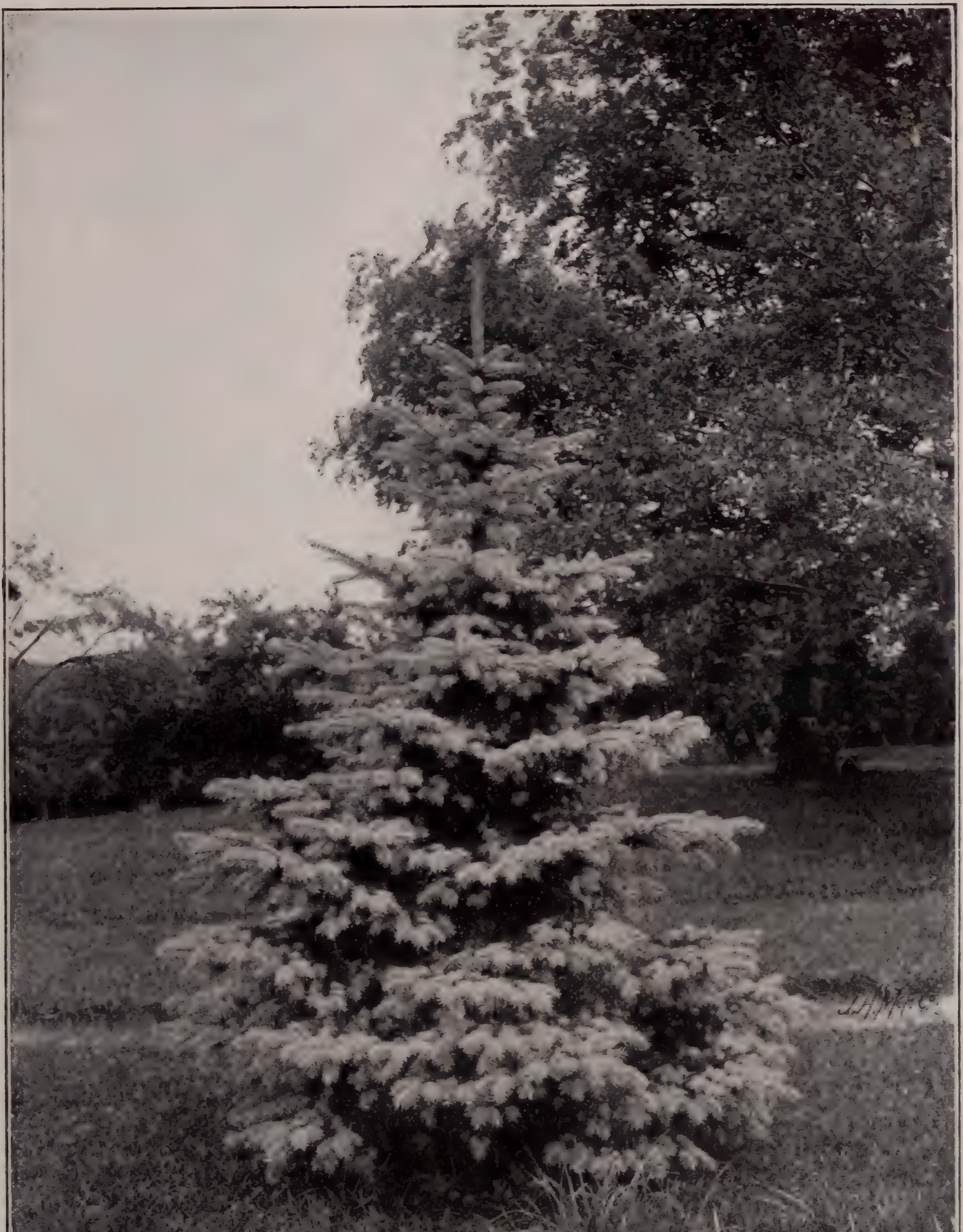
var. aurea. GLORY OF SPRUCES. A tree of open, irregular habit, the tips of whose branches are covered with attractive golden needles.

1½ to 2½ feet	$1 00
4 to 6 ft., specimens	4 00

P. Alcockiana. ALCOCK'S SPRUCE. The branches are rather slender, and the tree of moderately pyramidal growth. The short needles are dark green above, and of a very showy silvery hue beneath. 1 to 1½ feet, $1.50.

P. Engelmanni. COLORADO SPRUCE. A pretty bluish green Spruce, with horizontal branches and of compact growth. It closely resembles the Blue Spruce. It is especially hardy and attractive on lawns. We offer some very fine specimens that will produce immediate effects.

3 feet	$3 00
5 to 7 ft., specimens	15 00



PICEA PUNGENS, COLORADO BLUE SPRUCE (See page 10)

Picea excelsa. NORWAY SPRUCE. This, our common Spruce, embraces more desirable features than any of the others. It is rapid-growing; does well in most soils, and withstands the bleak, cold winds of winter. It is highly valued for shelters, windbreaks or hedges. The branches become pendulous with age. If left untrimmed, they spread out magnificently over the lawn, and make desirable specimens. If pruned, they become stately trees of symmetrical form. See also Hedge Plants.

1 to 2 feet	$0 50
2 to 3 feet	75
3 to 3½ feet	1 25
6 to 8 feet, specimens	$5 00 to 10 00
10 to 15 feet, specimens	15 00 to 25 00

var. conica. Dwarf, conical form, compact and dense. Perfectly symmetrical without pruning. Foliage dark green. 1½ to 2 feet, $1.50.

var. inverta. INVERTED SPRUCE. The needles are larger and brighter than those of the species. The lateral branches sprawl about in grotesque, contorted forms. The appearance is extremely odd, and the unacquainted stop to admire this tree, which to them is a freak of nature. It is very useful on lawns, and does much to break the regular outline of other evergreens. See illustration, page 8.

2 to 3 feet	$3 50
4 to 6 feet, specimens	$5 00 to 10 00

P. orientalis. EASTERN SPRUCE. Tall, conical, and of dense growth. Is always included in any good selection of lawn specimens.

2 feet, specimens	$2 00
2½ to 3½ feet, specimens	$3 00 to 5 00

P. pungens. COLORADO BLUE SPRUCE. It is hardy, vigorous, long-lived and upright in habit. If pruned, it becomes dense and symmetrical; if untrimmed, open and graceful. The light silvery blue coloring is a rare bestowal of nature, and one she has saved for these grand trees. For color contrasts in groups of evergreens, or as ornaments to any lawn, they stand without a peer. In seedlings the color is variable—sometimes almost green.

Ungrafted seedlings, 2 to 2½ feet	$2 00
Ungrafted seedlings, 2½ to 3 feet	3 00
Ungrafted seedlings, 3 to 4 feet	5 00

Picea pungens, var. glauca. Of similar character to the preceding, with a more pronounced light blue coloring. We graft from the best "blues" obtainable and secure fine well-colored specimens.

1½ feet	$2 00
1½ to 2 feet	3 00
3 to 4 feet, specimens	$7 00 to 10 00

var. Kosteriana. KOSTER'S BLUE SPRUCE. In this new variety the color is a deeper, richer blue. It is the highest type of Blue Spruce and one that cannot be too highly recommended. This is one of the finest ornamental evergreens ever introduced, and a specimen or two, of the kind of trees we furnish, on the lawn, adds a dignity and beauty to it hard to describe. Our stock is grafted from Koster's best "true blue" trees.

1½ feet	$2 00
3 feet, specimens	5 00
4 feet, specimens	$10 00 to 15 00

Cedrus · The Cedars

These are the true Cedars. They are not entirely hardy north of Philadelphia, though in sheltered positions they grow into beautiful trees. On lawns and public grounds they are very ornamental, and where possible we recommend their more general use.

Cedrus Atlantica, var. glauca. MT. ATLAS SILVER CEDAR. A rare, pyramidal tree, of recent introduction. The open branches and light bluish foliage give it an attractive, airy appearance. 1½ feet, $1

C. Deodara. DEODAR, OR INDIAN CEDAR. The branches are graceful and drooping, with a silvery light blue foliage. It is of pyramidal growth, and makes fine specimen tree. Requires protection north of Philadelphia. 1 to 2 feet, $1.

Cryptomeria

Cryptomeria Japonica elegans. Low, dense tree, with horizontal branches and drooping branchlets of bright green, changing to bronze in the autumn. 2 to 2½ feet, $1.25.

Write for special prices by the dozen, hundred and thousand

Cephalotaxus

These are handsome Chinese Evergreens, similar to the Yews, but of stronger growth, with broader foliage. Are frequently sheared into compact bushes, or used in evergreen beds. We have some fine large specimen plants.

Cephalotaxus drupacea. Forms a beautiful low bush ; stiff, spreading branches of light green.

1 to 1½ feet	$1 00
2 to 3 ft., very bushy specimens	$3.50 to 5 00

C. Fortunei. CHINESE YEW. Similar in growth and habit to Drupacea; larger and darker green.

1½ to 2 feet	$1 50
3 to 4 feet, specimens	$3 50 to 5 00

Cupressus · Cypress

Cupressus Lawsoniana. LAWSON'S CYPRESS. One of the most beautiful of all conifers. A graceful pyramidal tree, of vigorous growth and dense, elegant habit. The branches droop gracefully at the tips, and the color is an unusually rich, dark green, retained all the year. Forms beautiful specimens. Requires protection north of Philadelphia.

1 to 1½ feet	$0 75
2 to 3 feet	1 50

C. versicolor. A variegated form of Lawson's. Beautifully tipped. A strong-growing variety. 1 to 2 feet, $1.50.

Juniperus · The Junipers and Cedars

A group remarkable for the varied forms it embraces. Trees of medium height down to the smallest dwarfs are included here, while different green, yellow and silvery hues characterize the foliage. Junipers possess remarkable vigor, and thrive in bleak, barren situations ; in poor, stony soils ; in low, damp ground ; at the seashore, or almost anywhere. The columnar forms are valued for formal effects, or to break the monotonous outline of other trees ; the trailing ones for rocky slopes and sand-banks. For shelter-belts, screens, specimens, bedding and grouping they are much used.

Juniperus Chinensis, var. aurea. GOLDEN CHINESE JUNIPER. An upright form, with golden yellow foliage that does not change in winter. 1 to 1½ feet, $1.

J. communis, var. aurea. DOUGLAS'S DWARF GOLDEN JUNIPER. A low, spreading form, with golden yellow foliage that turns a beautiful bronze in winter. It is very showy for edging, rockeries or wherever a hardy little evergreen is needed. We recommend it highly.

10 to 15 inches	$0 50
1½ feet	1 00

var. Hibernica. IRISH JUNIPER. A tall, columnar tree, with glaucous green foliage. It is very useful in formal planting, screening, for small yards and cemeteries. It is unique in appearance and for some purposes unexcelled.

1 to 2 feet	$0 25
2 to 3 feet	50
3 to 4 feet	75

Juniperus communis, var. pyramidalis. PYRAMIDAL JUNIPER. A vigorous grower, of narrow pyramidal habit, with very prickly silvery green foliage.

1 to 1½ feet	$0 40
3 to 4 feet	1 00

var. Suecica. SWEDISH JUNIPER. Similar to *J. Hibernica* in form, but of a very different shade of green in color, making it a strong contrast when planted together. Very hardy and desirable.

1 to 1½ feet	$0 40
1½ to 2½ feet	75

J. Japonica. JAPANESE JUNIPER. A dense, bushy grower, with light green and glaucous foliage that blends harmoniously together. The tips of the branches have a characteristic curl about them that gives this species a certain individuality, making it one of the most ornamental of its kind. 1 to 2 feet, 75 cts.

Juniperus Japonica, var. aurea. GOLDEN JAPAN JUNIPER. Similar in outline and habit to above, with a deep golden coloring that persists even in winter. 10 to 12 inches, $1.

J. procumbens; syn., **prostrata.** TRAILING JUNIPER. The branches spread out over the ground and seldom grow more than a foot high. In color a bluish green, with thick masses of delicate foliage. For terrace and hillsides, rockeries, or wild effects it is desirable.

1 to 1½ feet	$0 75
2 to 2½ feet	1 25

J. Sabina. SAVIN JUNIPER. A spreading form, with deep dark green foliage. Very valuable for rockeries, grouping and borders.

1 to 1½ feet	$0 75
1½ to 2½ feet	1 25

Juniperus Virginiana. RED CEDAR. A medium-sized tree of pyramidal habit. It is extremely hardy, and thrives even in meager soils. While young it is useful in grouping, or for any columnar evergreen effect, but for exposed or stony places it is unsurpassed.

1 to 1½ feet	$0 35
1½ to 2 feet	50
2 to 3 feet	1 00
3 to 4 feet	2 00

var. elegantissima. Has golden young foliage that is strikingly in contrast with the greener leaves in the older branches. The color deepens in the winter to a coppery hue.

1 to 1½ feet	$1 50
2 to 3 feet	3 00

var. glauca. Another form that is more open, with shining silvery blue leaves, that are beautiful and novel. 2 feet, $1.50.

Pinus · The Pines

The Pines endure a wide range of climatic conditions. They are natives of our lowlands and mountainous regions, and withstand well the cold, bleak winds to which they are subjected. They are mostly of pyramidal habit, grow rapidly, and are not particular as to soil. Pines are very ornamental and useful on lawns and public grounds. They are so diverse in character that species may be selected for even the smallest areas as well as for vast estates. In groups, shelter-belts or as tall screens their value is highly appreciated. We annually root-prune our Pines so that they develop fine fibrous roots, enabling us to dig and ship them with balls of earth with very little risk in transplanting.

Pinus Austriaca. AUSTRIAN PINE. A tall, massive tree, with spreading branches, heavily plumed with long, stiff, dark green needles. A useful species along the coast, and grows equally well inland. It is popular for grouping or as specimens.

1 to 2 feet	$0 50
2 to 3 feet, specimens	1 00
3 to 4 feet, specimens	1 50
4 feet, specimens	2 50

P. Cembra. SWISS STONE PINE. A handsome Pine, with short, bluish green leaves, that grows slowly into a compact, pyramidal tree. It branches symmetrically, even at the base, and makes a pretty ornament for small places or for contrasting with other evergreens.

1 to 1½ feet	$1 00
1½ to 2 feet	1 50

Pinus excelsa. BHOTAN PINE. In general appearance resembling the White Pine. The soft, long needles are light green, and droop in graceful fringes from the long, slender branches. It becomes a tall tree and is very attractive where given room to develop.

2 to 3 feet	$1 50
3 to 4 feet, specimens	2 50
4 to 5 feet, specimens	4 00
6 to 8 feet, specimens	$10 00 to 15 00

P. montana, var. Mughus. MUGHUS PINE. This unique Alpine species forms a dark, dome-shaped bush, broader than its height and sometimes almost prostrate. Valuable for planting on small lawns, terraces, rockeries, barren hillsides, or near the sea.

9 to 12 inches	$0 75 to $1 00
12 to 18 inches	1 50 to 2 00

Pinus Strobus. WHITE PINE. The most common and quickest-growing of the Pines. It withstands the hardships of winter, grows well in sandy soils and barren places. Develops into a tall, noble tree whose ruggedness in old age is picturesque and grand. The needles are soft, and silvery green; the horizontal branches are in regular whorls about the trunk, making the young trees symmetrical, open pyramids. It grows into naturally beautiful specimens; makes fine backgrounds and shelter-belts, and is valuable in any planting. No tree is more valuable for use in producing artistic effect in mass planting, and it is often used for breaking up the usually monotonous sky-line effects in many of our large parks.

1 to 2 feet	$0 50
2 to 3 feet	75
3 to 4 feet	1 50
4 to 5 feet	2 50

P. sylvestris. SCOTCH PINE. Strong, vigorous grower, with spreading branches and stiff, bluish green needles. Generally useful.

1 to 2 feet	$0 50
2 to 3 feet	75
3 to 4 feet	1 25
4 to 5 feet	2 00

Retinospora

Sometimes called JAPAN CYPRESS. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints. The species generally are of pyramidal habit, vigorous growers, that thrive in most soils, and never attain a much greater height than forty feet. Their coloring is constant and attractive at all seasons. They are useful in all ornamental plantings, and particularly well suited for color contrasts, grouping, formal effects, window-boxes and vases. Occasional shearings render them more compact and brighten their colors.

Retinospora, DAWSON'S GOLDEN. A beautiful tree, whose bright golden foliage is pendulous and graceful. It is more open and airy than some of the species.

1 to 1½ feet	$1 25
1½ to 2 feet	2 00
2 to 3 feet	4 00

R. filifera. THREAD-BRANCHED RETINOSPORA. Of pyramidal outline, with horizontal branches and drooping, deep green foliage.

1 to 1½ feet	$1 00
2½ to 3 feet	3 50
3½ to 4½ feet, specimens	5 00

var. aurea. GOLDEN THREAD-BRANCHED. More dwarf and not of such upright growth as the above. The leaves are of a bright golden color. 10 to 15 inches, $1.50.

var. aurea pendula. WEEPING GOLDEN THREAD-BRANCHED RETINOSPORA. This is a beautiful evergreen of low growth. The foliage is of a rich golden hue, with occasional leaves of deep green, that make a striking, though pleasing contrast. The slender, thread-like branches droop gracefully to the ground, making a small golden fountain of foliage that blends most pleasingly with the green grass. It is an uncommon plant, and a very useful one for the front of groups or as specimens. 1 to 1½ feet, $1.50 to $3.

R. filicoides. FERN-LIKE RETINOSPORA. An open form, whose soft green leaves are borne all along the branches. It is a unique evergreen. 1 to 1½ feet, $1.50.

R. flavescens, var. variegata. WHITE-LEAVED RETINOSPORA. The varied tints of green, yellow and creamy white in this evergreen give it a golden appearance. The habit is dwarf and compact, and its ball-like form makes it a pretty little ornament in many places.

1 to 1½ feet	$1 50
1½ to 2 feet	2 00
2 to 3 feet, specimens	3 50

Write for special prices by the dozen, hundred and thousand

GOLDEN RETINOSPORA AT GLENWOOD

Retinospora obtusa. OBTUSE-LEAVED RETINOSPORA. The largest of the family. Of upright growth and very much admired. The soft green foliage, arranged in flat filaments, gives the tree an airy appearance.

1 to 2 feet	$0 75
3 to 4 feet	3 00

var. gracilis aurea. Somewhat like the above, but more loose and open. The young green foliage is profusely marked with a bright golden yellow, making a handsome and attractive tree. 1½ to 2 feet, $2.

var. nana. A slow-growing dwarf variety that attains great age. It is popular in Japanese gardens, and attracts much attention here. The deep dark green leaves are arranged in flattened masses that rise above one another, making a dense, heavy foliage, and giving it a beautiful individuality.

10 to 15 inches	$1 50
18 to 24 inches	2 50

Retinospora obtusa, var. nana aurea. Similar in character to the preceding, with a clear golden colored foliage that is bright and fresh all the year. 1 to 1½ feet, $2.50.

R. pisifera. PEA-FRUITED RETINOSPORA. The slender branches are open and graceful, the foliage light green above and silvery beneath. 18 inches, $1.

var. aurea. A similar variety, of golden color, with light, airy, attractive foliage. 1 foot, $1.

R. plumosa. PLUME-LIKE RETINOSPORA. Of conical outline, with light, feathery green foliage. It stands shearing well, and if frequently pruned becomes compact and dense. It is useful in groups, beds or for vases and window boxes.

1 to 1½ feet		$0 50
1½ to 2½ feet		1 00
3 to 4 ft., sheared specimens		3 50
4 to 5 ft., sheared specimens	$5 00 to	6 00
5 to 6 ft., sheared specimens		8 00
8 to 10 ft., sheared specimens	25 00 to	35 00

Retinospora plumosa, var. argentea variegata. Similar to the preceding, with light variegated foliage. 9 to 12 inches. 50 cts.

var. aurea. The most popular and generally useful of all the golden evergreens. In character it resembles the *R. plumosa.* Is especially ornamental, and the soft, plume-like golden foliage is particularly bright in spring. It remains a deep yellow even through the winter. When pruned it becomes symmetrical and regular. It is low-branched, and the golden yellow foliage brushes the green grass in beautiful contrast. A vigorous grower, that is unsurpassed for color effect in grouping. It is well adapted for small lawns, and equally appropriate for larger areas. For window-boxes, vases, or formal gardening, its value is realized. We have foreseen the demand for this elegant evergreen and have developed a choice stock, especially of the larger sizes.

1 to 1½ feet	$0 75
1½ to 2 feet	1 50
2 to 3 ft., sheared specimens...$2 50 to	4 00
3 to 4 ft., sheared specimens	5 00
4 to 5 ft., sheared specimens	10 00
5 to 6 ft., sheared specimens	25 00
7 to 8 ft., sheared specimens	50 00

Retinospora squarrosa Sieboldi. SIEBOLD'S RETINOSPORA. Dwarf, compact evergreen, with bluish foliage, changing to a purplish hue in winter; a distinct coloring.

1 foot	$0 50
1½ feet	75

var. Veitchi. Possesses the merits of *R. plumosa*, resembles it in character, and is useful in the same ways. The foliage is feathery, and of a rich, silvery glaucous or steel-blue that contrasts finely with the dark green and golden tints of other varieties. One of the most showy and attractive of the class.

1 to 1½ feet	$0 75
2 to 3 ft., sheared specimens	3 00
3 to 4 ft., sheared specimens...$5 00 to	6 00
7 to 8 ft., sheared specimens	40 00
8 to 10 ft., sheared specimens	65 00

Sciadopitys

Sciadopitys verticillata. UMBRELLA PINE. A very hardy, odd, Japanese tree, of pyramidal character. It grows slowly to large size, is ornamental and interesting. Each branch and shoot is terminated by a whorl of umbrella-like tufts of bright green, long, glossy needles.

1 to 2 feet	$2 50
4 feet, specimens	10 00

Taxus · Yews

The Yews are slow-growing, generally small trees, that do well in most soils and possess a particularly fresh-looking foliage. They are highly ornamental, and the golden varieties especially brilliant. As specimens or for grouping they are effective. Yews withstand clipping well, and are so readily trained into artificial forms that they are much sought after for formal effects.

Taxus baccata. ENGLISH YEW. A slow-growing, thickly branched tree, with small, dark green leaves. It is very long-lived, highly ornamental, and especially desirable for cemeteries, groups and specimens. Its ability to withstand close shearing makes it useful for clipping into artificial forms.

9 to 15 inches	$0 75
2 to 4 feet...$2 50 to	5 00

var. aurea. GOLDEN ENGLISH YEW. The young growth is a golden yellow, while the character is similar to the above. It is among the best golden evergreens. 1 to 1½ feet, $2.

Taxus baccata, var. elegantissima. ELEGANT ENGLISH YEW. Rather compact form; leaves striped straw-yellow. 1 to 1½ feet, $1.50.

var. erecta. ERECT ENGLISH YEW. An upright grower of dense, columnar habit; has smaller and less lustrous leaves than *T. fastigiata*, which it resembles. 1 to 1½ ft., $1.25.

var. fastigiata. IRISH YEW. Slender, pyramidal tree, that retains its shape without trimming; useful where little room can be given it. Dark, glossy green leaves are spirally arranged about the branches. 1 to 1½ feet, $1.50.

Taxus baccata, var. fastigiata aurea. GOLDEN IRISH YEW. In character similar to preceding, with young foliage a brilliant golden yellow. It is much valued for formal work, and generally useful. 1 to 1½ feet, $1.50.

var. Hibernica. A more bushy form, of doubtful nomenclature, that has the same attractive foliage as *T. fastigiata.* It is desirable for groups or specimens. 9 to 12 ins., $1.

var. repandens. SPREADING ENGLISH YEW. Very luxuriant, low-spreading tree, rarely growing over 3 or 4 feet high. Long, dark green foliage. 1 to 1½ feet, $1.25.

Thuyopsis

These Japanese trees are quite hardy, withstand transplanting well, and are highly ornamental.

Thuyopsis borealis; syn., **Cupressus Nutkaensis.** YELLOW CEDAR. A tree of compact, upright growth, with beautiful deep green foliage, that is gracefully suspended by slightly drooping branches. Generally useful, especially so for specimens. 1 foot, 50 cts.

var. lutea. Similar to the above in character, differing only in respect to foliage. The yellow-tipped branches of spring hold their color through the summer and darken during the fall. 1 foot, 75 cts.

T. dolobrata, var. variegata. VARIEGATED HATCHET-LEAVED ARBORVITÆ. An open, airy tree, of low, spreading growth and striking individuality. The green, fern-like foliage is tipped with creamy white leaves. Very appropriate for grouping and as specimens. 1 to 1½ feet, $1.25.

Thuya · Arborvitæ

These highly ornamental trees, though many are of upright habit, do not grow to great heights, and are appropriate for small lawns as well as larger areas. They are generally hardy; grow vigorously in varied soils, and are easily transplanted. Their clean, neat, compact appearance and the soft, frond-like foliage, in many cases so brightly colored, make them useful in grouping, bedding, bordering and formal gardening, for cemetery and lawn specimens, for hedges, screens, window-boxes, vases and house decoration.

Thuya occidentalis. AMERICAN ARBORVITÆ. Green foliage, pyramidal habit, vigorous and hardy. It is deservedly popular, and much valued for specimens, screens or hedges. See also Hedging Plants, page 55.

1 to 1½ feet	$0 15
1½ to 2 feet	25
3 to 3½ feet	60
3½ to 4 feet	75

Reduced prices per 100 and 1,000.

var. aurea. GEORGE PEABODY'S ARBORVITÆ. Color effect a clear, shining golden yellow that contrasts finely with darker evergreens. Of pyramidal habit, grows rapidly; has the brightest and most permanent color of all. Surely one of the handsomest of the golden-tinted conifers.

1 to 1½ feet	$0 75
1½ to 2 feet	1 25

Thuya occidentalis, var. Burrowii. Of upright habit. Valued for its golden tinted foliage, that in winter turns green. An uncommon form. 2 to 3 feet, $1.

var. compacta. COMPACT ARBORVITÆ. Dwarf, dense little evergreen, having light green foliage and neat attractive habit. For beds, borders, cemeteries, or house decoration it is highly popular.

1 to 1½ feet	$0 50
1½ to 2 feet	75

var. Ellwangeriana; syn., **Tom Thumb.** An especially pretty and hardy dwarf form, with silvery foliage that closely resembles that of *T. ericoides* when young, but in winter it does not turn as dark. Its low growth and compact symmetry make it valuable for decoration in small areas. 1 to 2 feet, 75 cts.

Thuja occidentalis, var. ericoides. HEATH-LEAVED ARBORVITÆ. A conical little evergreen, with soft feathery silver foliage that differs strikingly from most other varieties. In winter the color changes to a blue-brown. Highly desirable for the contrast it makes in groups. 1 to 1½ feet, 50c.

var. globosa. GLOBE ARBORVITÆ. Very dwarf and compact; grows naturally into a rounded almost ball-like form, that makes it useful for grouping, specimens, or vases. The foliage is deep, dark green.

12 by 12 inches	$0 75
18 by 18 inches	1 00

var. Hoveyi. HOVEY'S GOLDEN ARBORVITÆ. Somewhat resembling *T. compacta*, though not so dense, and useful in the same ways. The coloring is a beautiful light golden green.

1 to 1½ feet	$0 75
1½ to 2½ feet	1 00

var. Little Gem. DOUGLAS' ARBORVITÆ. A dwarf, globe-shaped Arborvitæ, with dark green leaves. 6 to 9 inches, 75 cts.

var. pyramidalis. PYRAMIDAL ARBORVITÆ. More dense than the American, it is a vigorous grower, and the compact, slender column of dark green is ornamental as lawn specimens, backgrounds, or in grouping. The finest of the tall-growing Arborvitæs.

1 to 2 feet	$0 50
3 to 4 feet	1 50
4 to 5 feet	2 00

var. Queen Victoria. SILVER-TIPPED ARBORVITÆ. Of pyramidal habit, with variegated foliage. 1½ to 2 feet, $1.

var. Vervæneana. VERVÆNE'S ARBORVITÆ. Of medium, upright growth. The green and golden tinted leaves blend harmoniously. Possesses marked individuality.

1 to 2 feet	$0 50
2 to 3 feet	1 50
3 to 4 feet	2 50

var. Wareana; syn. **Sibirica.** SIBERIAN ARBORVITÆ. An especially valuable species for cold climates. Dense and shapely, medium height, in much demand for general purposes.

1 to 1½ feet	$0 50
2 to 3 feet	1 50

BIOTAS, or CHINESE ARBORVITÆ

Thuya orientalis (Biota). CHINESE ARBORVITÆ. The green foliage is more plume-like than that of our native species. One of the taller growers. 3 to 5 feet, $1 to $2.

var. aurea (Biota). GOLDEN ARBORVITÆ. A low, compact plant, that is golden yellow in the spring and changes to a bright green later. It is exceedingly effective for planting around groups of taller evergreens. 2 feet, $1.

var. elegantissima (Biota). ROLLINSON'S GOLDEN ARBORVITÆ. Most admired of all Biotas. Of medium, upright growth. In summer the young foliage is a brilliant golden yellow, slowly turning as the season advances, until in winter it is a deep bronze, studded with golden tips in places that catch the sun. Especially useful for color contrasts.

1½ to 2 feet	$1 00
2 to 3 feet	1 50
3 to 4 feet	2 00

var. filiformis (Biota). THREAD-BRANCHED ARBORVITÆ. Has slender, graceful branches and feathery green foliage. 1 to 1½ feet, 75 cts.

var. semper aurescens (Biota). EVER-GOLDEN ARBORVITÆ. A very compact, low-growing form, with bright golden foliage in summer that changes to a bronze color in winter. It is also one of the most brilliant golden evergreens in spring. 1 to 2 feet, $1.50.

Tsuga · Hemlock Spruce

The Hemlocks are exceptionally graceful trees, that are generally useful. They are very hardy, grow rapidly, and transplant easily.

Tsuga Canadensis. HEMLOCK SPRUCE. A medium-sized tree, with open, pendulous branches, whose graceful character is in striking contrast to some of the more stiff and formal conifers. It is a rapid grower, very hardy and not particular as to soil. If trimmed it becomes dense and bushy, making especially beautiful hedges. For tall screens, massing, or as individual trees upon large or small grounds, their grace and beauty is unsur-

Tsuga Canadensis, continued

passed. We have thousands of these justly popular evergreens, that are recently root-pruned, grown wide apart and perfectly developed, which we are confident will please our patrons.

12 to 15 inches	$0 30
18 to 24 inches	50
2½ to 3 feet, unsheared	60
2½ to 3 feet, sheared	1 00
3 to 3½ feet, sheared	1 25
3½ to 4 feet, sheared	1 75

var. macrophylla. DWARF HEMLOCK. A compact, dwarf variety, with darker green foliage. 1 to 1½ feet, $2.

var. Sargentii pendula. SARGENT'S WEEPING HEMLOCK SPRUCE. A flat-topped tree, with graceful, weeping, spray-like branches. One of the choicest and most beautiful weeping evergreens. 1½ to 2 feet, $2.50.

var. Caroliniana. SOUTHERN HEMLOCK. Pyramidal and dense. Dark green foliage. 1 ft., $1.

OUR EXHIBIT OF YOUNG EVERGREENS AT THE CHRYSANTHEMUM SHOW AT PHILADELPHIA, 1903

Broad-Leaved Evergreens

AZALEAS. The evergreen varieties are described in our special list of Azaleas, Rhododendrons and Kalmias, page 20.

BUXUS. THE BOX TREES. The different species vary in size from low bushes to medium-sized trees. All are long-lived, hardy, of dense, compact growth, and have dark green, glossy leaves. They are used for grouping, edging walks, planting against house foundations, for hedges, and in tubs for formal gardens, terraces and porches.

Buxus aurea variegata. GOLD-STRIPED. 12 to 18 inches, 50 cts.

B. latifolia. BROAD-LEAVED BOX. An especially handsome sort that likes a half-shady situation.

1 to 1½ feet	$0 25
1½ to 2 feet	75
2 to 2½ feet, very bushy	1 50

B. macrophylla rotundifolia. A large, round-leaved variety that proves very attractive.

12 to 15 inches	$0 25
1 to 1½ feet	75

Buxus sempervirens nana, the pretty DWARF BOX, is the variety so much used in old-fashioned gardens for edgings It is one of the most useful species known. In planting Dwarf Box edging, five or six plants are required to plant a foot. 2 years, 4 to 6 inches, $1 per doz., $6 per 100, $50 per 1,000.

Tree Box. Our stock of choice pyramidal Tree Box is very fine. They are symmetrical and well adapted for single specimens or formal planting.

2 feet	$2 50
3½ feet	3 50
4 feet	5 00

CRATÆGUS pyracantha. This beautiful EVERGREEN THORN, is a low shrub of irregular, picturesque growth. In May it is a mass of sweet white flowers, which are followed by orange-scarlet fruits through autumn and winter. The leaves are rich and glossy. It is used for covering stone walls, for hedges, rockwork, etc., with fine effect, and is a shrub of distinction and beauty. 9 to 12 inches, 30 cts. each, $3 per doz.

DAPHNE Cneorum. A pretty little evergreen shrub, bearing a profusion of fragrant, rosy flowers in May and continuing later in the season. Desirable for rockeries, etc. 50 cts.

EUONYMUS. Besides the deciduous species (pages 52 and 53) this genus also includes both evergreen shrubs and vines.

E. Japonicus, the JAPAN EUONYMUS, is a handsome upright shrub that remains green and glossy in both stem and leaf all winter, if grown in a somewhat sunny spot. 1 to 2 feet, 40 cts. each, $4 per doz.

var. argentea. This beautiful variety has leaves broadly margined with white. 1 to 2 feet, 30 cts. each, $3 per doz.

var. aurea, the GOLDEN EUONYMUS, is a similar variety, with gold-margined leaves. 1 to 2 feet, 40 cts. each, $4 per doz.

The brightly marked foliage of these varieties is very striking for winter contrasts. The Japonicus varieties are not hardy north of Philadelphia except in sheltered locations.

Euonymus radicans is the pretty CREEPING EUONYMUS with plain green leaves. Used for covering house foundations, stone walls, tree-trunks, etc., which it soon covers with a thick evergreen web. This and its varieties are perfectly hardy. 20 cts. each, $2 per doz.

E. radicans variegata is a very rich and dense-growing variety, used in the same way, and also for vases, etc., in the garden. Its leaves are handsomely variegated with white, gold and pink. 20 cts. each, $2 per doz.

ILEX. THE HOLLIES. These make beautiful small specimen trees, attractive all the year because of their broad, glossy, prickly leaves, but most beautiful from November to April when laden with bright scarlet berries. The white, inconspicuous flowers are fragrant and much loved by the bees. Remove the leaves when transplanting.

I. aquifolia, the ENGLISH HOLLY, has leaves somewhat darker than the American, and is generally considered more beautiful, but is not so hardy.

	EACH	DOZ.
1 to 2 feet	$0 35	
2 to 3 feet	50	$5 00

I. opaca, the AMERICAN HOLLY, is one of our most beautiful evergreens. The leaves vary little from the English species, the tree is hardier, the scarlet berries more abundant. 2 to 2½ feet, $1.50.

I. crenata. JAPANESE HOLLY. A handsome shrub-like evergreen, desirable for hedging, also for grouping with other evergreens, and is much valued for specimen planting. It is hardy and transplants as well as the privet. The leaf is small, pointed, and a beautiful shining green.

9 to 12 inches	$0 75
12 to 18 inches	1 00
1½ feet	1 50

KALMIA. See our special list of Azaleas, Rhododendrons and Kalmias, page 20.

LEUCOTHOË Catesbaei. A hardy shrub for shady places, whose long green leaves change to a beautiful bronze in autumn. Very desirable. 12 to 15 inches, 75 cts.

MAGNOLIA grandiflora. This broad-leaved southern evergreen flourishes in sheltered places as far north as Pennsylvania. Its flowers are deep, broad cups of waxen white; they are deliciously fragrant, and begin to appear while the tree is quite young. 1½ feet, $1.50.

MAHONIAS. The richness of their holly-like, glossy leaves, their neat habit and beautiful flowers give the Mahonias great popularity for ornamental planting. They grow from 1 to 5 feet, and thrive best when they can be grouped on the shaded northern side of buildings or tree groups.

Magnolia aquifolia. HOLLY-LEAVED MAHONIA. Has showy, bright yellow flowers in May, followed by blue berries for winter decoration. Its upper leaves are bronzed to red in winter, and its winter effect against the coniferous evergreens is rich and attractive. 1 to 1½ feet, 30 cts. each, $3 per doz.

M. Japonica is of more upright habit than *M. aquifolia* and bears a profusion of yellow flowers in early spring. But its striking characteristic is its large, distinct glossy green leaves. Very desirable.

	EACH	DOZ.
1 to 2 feet	$0 50	$5 00
2 to 2½ feet	75	7 50

Azaleas, Rhododendrons and Kalmias

These three grand flowering shrubs are all fond of shady situations, and their blooming in May and early summer is always the grand event of the floral season. They should be given the same care, and are frequently grouped together.

Kalmias and Rhododendrons are especially desirable for massing and edging wooded drives. Azaleas love the shelter afforded by the Rhododendrons' dark leaf-masses, and their brilliant flowers show finest against such foliage. After their flowers are faded the Rhododendrons' great flower-cones are glorious for a month or more, and their bright glossy foliage is attractive the year round.

AZALEAS

For richness and beauty of tints the Azalea has no parallel among flowers. A bed of well-selected varieties in full flower, with a dark green foil such as evergreens afford, is one of the grandest shows of spring. In the different varieties are seen softest tints of buff and primrose; dazzling ones of apricot, salmon, orange and vermilion. Planted as specimens, in beds by themselves, or with Rhododendrons, they are beautiful and much admired.

Azalea amœna. A bushy, dwarf evergreen with small green leaves that deepen to a lustrous coppery hue in winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant, claret-colored flowers, that hold their beauty three or four weeks. Such beautiful little plants are ornaments anywhere, and are especially desirable for edging drives and walks, for dwarf hedges, groups or for bordering Rhododendron and Kalmia beds.

Azalea amœna, continued

	EACH	DOZ.
6 to 8 in. Bushy; open ground	$0 40	$4 00
8 to 12 in. Very bushy; open ground	75	7 50
12 to 15 in. Very bushy; open ground	1 00	9 00
15 to 18 in. Very bushy; open ground	1 50	15 00

A. arborescens. FRAGRANT WHITE AZALEA. Flowers white tinged with rose, and very fragrant. 12 to 18 inches, 75 cts.

A. nudiflora. WOOD'S HONEYSUCKLE. Pink to nearly white flowers. 18 to 24 inches, $1.

A. mollis. CHINESE AZALEA. This is a particularly handsome dwarf species, of especial beauty for massing and unusually hardy. The flowers are larger than in most varieties and carried in bold, handsome trusses of rich yellow or red. Assorted colors, 12 to 18 in.

	EACH	DOZ.
15 to 20 buds	$0 50	$5 00
20 to 30 buds	75	8 00

AZALEA AMŒNA (See preceding page)

Azalea Pontica. GHENT AZALEA. This species is unequaled for brilliancy and variety of color. Although usually hardy, they are finer if given some protection in winter. Assorted colors, 12 to 18 ins. 15 to 18 buds, 75 cts. each, $8 per doz.

A. Vaseyi. SOUTHERN AZALEA. Rosy white flowers. 2 to 3 feet, $1.

A. viscosa. WHITE AZALEA. This sort does well in moist soils as well as drier ground. It bears fragrant white flowers that are tinged with rose. 12 to 15 inches, 75 cts.

KALMIAS

These flowering shrubs compare well in grandeur with the Rhododendrons. They are very hardy, "grow almost as well in swamps as in drier locations and prefer partly shaded situations, but thrive also well in sunny places."

Kalmia angustifolia. SHEEP LAUREL. A dwarf, vigorous variety, with deep rose-colored flowers that open early. 1½ to 2½ feet, 50c.

Kalmia latifolia. MOUNTAIN LAUREL. These bushy shrubs with age sometimes attain tree-like proportions. Their elongated, egg-shaped leaves are always fresh and glossy, making possible charming foliage effects, and cheery landscapes at all seasons. In early spring they bloom profusely. The delicate pink buds, beautiful in themselves, open into large corymbs of pink and white flowers. They bloom after the Rhododendrons and are useful for massing with them or for wooded effects on large lawns.

	EACH	DOZ.
Nursery-grown, 1½ feet..........	$0 75	$7 50

We control large areas of these desirable shrubs, and, since they withstand transplanting so well, we highly recommend the cheaper collected plants. Our stock is bushy and vigorous, and ranges in size from 2 to 5 feet. We can also supply these shrubs at reasonable prices in car-load lots, and ask that all who contemplate buying in quantity correspond with us.

RHODODENDRONS

Formerly these shrubs were not considered hardy, but experience has proven that when selected intelligently there are varieties that grow successfully as far north as Boston. In early summer there are no flowers more gorgeous than these grand shrubs, that are then aglow with their great masses of bloom. But not only at this season are they attractive, for the heavy shiny green leaves cheerfully enliven the landscape even in winter. If planted in front of evergreen shelter-belts their glossy foliage appears to delightful advantage against the more somber hues of the conifers that protect them from the prevailing winds. In groups or masses the varied colors of the flowers blend harmoniously together, and make a brilliant ornament wherever seen. Planted separately on small lawns they form grand specimens that flower abundantly.

Rhododendrons do well in most soils, free from limestone, and to obtain success from them no such expensive methods of preparing the ground are required as are sometimes advocated, though they willingly respond to such treatment. In summer a light mulch of cut grass retains the moisture, and in winter a heavier mulch of manure protects the roots, and frequently a slight covering is required to shelter the flower-buds and foliage. After each flowering season the dead bloom should be picked to prevent seeding, and allow the energies of the plant to develop flower-buds for the next year.

The Rhododendrons stand without an equal among the flowering shrubs, and to retain their supremacy possess the crowning virtue of flowering in all their glory the same season as planted. They may be moved successfully either in spring or fall. We dig and ship all our Rhododendrons with balls of earth about their roots. We offer assorted colors and named varieties at the following prices:

	EACH	DOZ.
12 to 18 inches	$0 75	$7 50
12 to 18 inches, 7 to 10 buds	1 00	10 00
18 to 22 inches, 10 to 20 buds	1 25	12 50
18 to 24 inches, 20 to 30 buds	1 75	18 00

Our stock includes a great number of large specimen Rhododendrons of assorted colors that we offer as follows:

	EACH	DOZ.
2 to 3 feet	$2 00	
3 to 4 feet	3 50	$35 00
4 to 5 feet, large extra bushy specimens	$5 to 10 00	

Rhododendron Catawbiense. One of the most beautiful native varieties indigenous from New England to the Southern Alleghanies. This fine American evergreen shrub is perfectly hardy, The controlling parent of numerous fine hybrid forms.

	EACH	DOZ.
12 to 18 inches, 7 to 10 buds	$0 75	$8 00
18 to 24 inches, 10 to 13 buds	1 00	10 00
18 to 24 inches, 20 to 30 buds	1 25	12 50

R. maximum. GREAT LAUREL. A native shrub that is beautiful among our mountainous regions, in June and July, when its great white (sometimes rosy pink) flower masses appear in full bloom along the roadsides or on banks of streams. The landscape engineer uses them in much the same way that nature does; for covering banks, for groups or masses in shady situations, as an undergrowth in wooded places or for planting beside drives and paths, nothing is more pleasing. Its heavy, glossy green leaves make a magnificent setting for the large showy flowers, and its vigorous, hardy growth makes it desirable in many places. 4 to 5 feet, $1.50 each, $15 per doz.

We control several hundred acres of vigorous, bushy *Rhododendron maximum*, ranging in height from 1½ to 7 feet, from which we can supply large quantities of collected plants in car-load lots. We dig these with large balls of leaf-loam that are carefully preserved about their roots, and moistened in transit by a liberal covering of wet moss. These arrive in good condition and withstand transplanting especially well. From one consignment of six car-loads of collected Rhododendrons shipped last spring, our customer lost less than 2 per cent of the plants.

We solicit correspondence with all desiring to purchase native Rhododendrons in quantity and are confident we can name satisfactory quotations.

PIN OAKS (See page 37)

Ornamental Shade Trees

OUR stock of Ornamental Shade Trees is as complete as scientific and practical knowledge combined can make it. The trees have been grown under a thorough, clean system of cultivation and frequently transplanted to insure an abundance of fibrous roots. They are free from borers, and are fine, healthy and handsome. Our careful system of packing protects the root-masses, so that they reach purchasers fresh and uninjured.

LARGE SPECIMEN TREES of many varieties can be furnished at advanced rates. We have many superb specimens at Glenwood that must be seen to be appreciated, and we are glad to have visitors call and make personal selections.

FOR TREES IN LARGE QUANTITIES special quotations will be furnished on application. Quotations will also be given by the dozen, hundred and thousand, when requested. Reduced rates made to land-improvement companies, or other enterprises needing a large number of moderate-sized trees.

DECIDUOUS TREES may be transplanted at any time after the leaves fall in autumn and before they start in spring, providing the ground is not frozen. The various uses to which the different sorts of trees have been found well adapted are given in our list, and may be helpful in selecting trees for any particular purpose. We are always glad to put our experience at the service of our customers, to aid in making selections.

Acer · The Maples

Maples are planted, perhaps, more largely than any other trees. They are hardy and well adapted to almost every soil; are attractive, vigorous growers, and remarkably free from the attacks of injurious insects. Their shade is cool and dense, and for this they are indispensable in all lawn, park or avenue plantings. In autumn the brilliant coloring of their leaves is everywhere commented upon. The Silver Maple is the most rapid-growing, but for permanency the Sugar and Norway are usually preferred.

Acer campestre. EUROPEAN CORK MAPLE. Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry grounds.

4 to 6 feet	$0 50
6 to 8 feet	75
8 to 10 feet	1 50

A. Colchicum rubrum. RED MAPLE. The young growth of this rare tree is bright red in May and in August, when a second growth appears. It grows slowly to a medium-sized, round-topped tree, found most valuable for contrasts. From Japan. 4 to 7 feet, 75 cts.

A. dasycarpum. SILVER MAPLE. Is widely planted on account of its very rapid growth and adaptability to all soils. Forms a large tree, with spreading head and silvery leaves.

8 to 10 feet	$0 75
10 to 12 feet	1 00
12 to 14 feet	1 50

var. Wieri laciniatum. WIER'S CUT-LEAVED SILVER MAPLE. 35 to 40 feet. A very beautiful, rapid-growing variety, with delicately cut leaves and slender branches that curve gracefully downward. An attractive and desirable tree for lawns and parks.

7 to 8 feet	$0 75
10 to 12 feet	1 50

A. Negundo. ASH-LEAVED MAPLE, or BOX ELDER. 70 feet. A rapid-growing tree of irregular, spreading form, whose leaves resemble those of the ash. Improved by close pruning. It withstands cold and dryness.

6 to 8 feet	$0 75
8 to 10 feet	1 00
10 to 12 feet	1 50

Acer platanoides. NORWAY MAPLE. A handsome tree of large growth, forming a wide, rounded head of spreading branches and having broad, deep green leaves. Strong, compact and vigorous. One of the very best trees for street, park or lawn.

10 to 12 feet; 2 to 2¼ inches cal.	$1 75
12 feet; 2¼ to 2½ inches cal.	2 50
12 to 14 feet	$3 00 to 4 00

var. Reitenbachi. REITENBACH'S NORWAY MAPLE. Beautiful and striking because of its rich, changing foliage, which is soft green in spring, decidedly purple in midsummer, purplish scarlet in autumn. Vigorous, pyramidal; valuable for contrasts. 5 to 6 feet, $1.

var. Schwedleri. PURPLE NORWAY MAPLE. The gleaming red and purple tints of its young leaves and shoots contrast brightly with the delicate greens of spring. At maturity they are a purplish green, in autumn of pure golden tints and shades.

5 to 6 feet	$0 75
6 to 8 feet	1 25

A. Pseudo-platanus. SYCAMORE MAPLE. A broad, handsome tree that grows quickly, has larger, darker leaves, and casts a denser shade than the other Maples.

8 feet	$0 75
10 feet	1 25
10 to 12 feet	1 50
12 to 14 feet	2 00

var. purpureum. PURPLE-LEAVED SYCAMORE MAPLE. A tree of rapid growth; especially desirable for foliage effects. The upper side of the leaves is a deep green, the under surface a purplish red that presents a striking contrast when gently stirred by the wind. 4 to 7 ft., 75 cts.

Write for special prices by the dozen and hundred

Acer rubrum. RED OR SCARLET MAPLE. A native species, with fine rounded head, beautiful red blossoms and fruit in spring. Gorgeous autumnal foliage. Thrives in low or damp places. 4 to 6 feet, 75 cts.

A. saccharinum. SUGAR OR ROCK MAPLE. Much used for shade in lawn and park plantings. It is pyramidal in form and thrives in almost every soil. With age it grows into a straight, symmetrical tree of grand proportions. The famous Rock Maple avenues along the Hudson are nearly a century old, yet still in their splendid prime.

8 to 10 feet; 1 to 1¼ inches cal	$0 75
10 to 12 feet; 1½ inches cal	1 50
14 to 16 feet; 2 to 2½ inches cal	2 00
16 to 18 ft.; 2½ to 2¾ ins. cal....$2.50 to	3 50

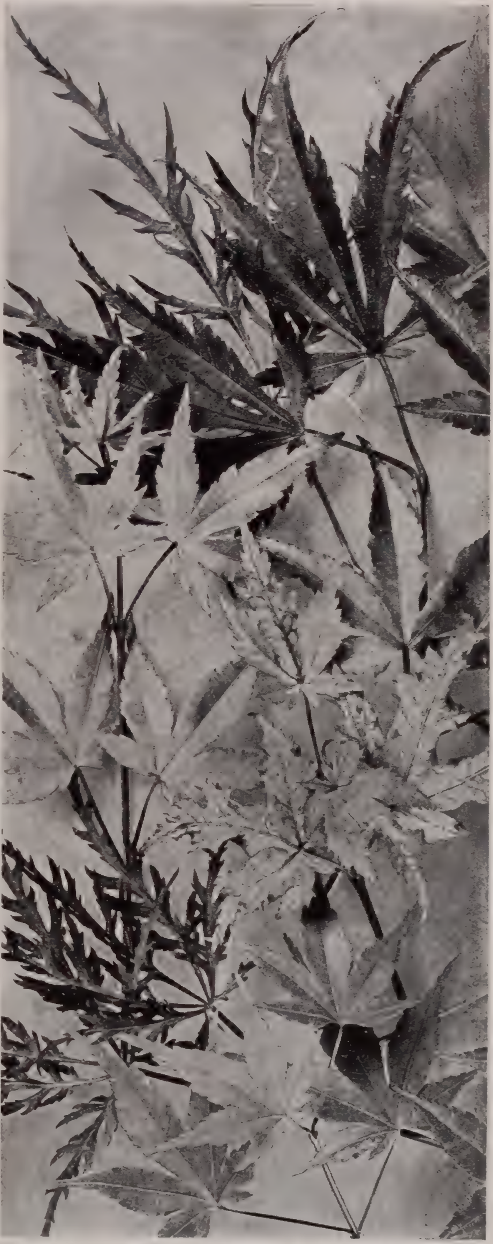
A. Tataricum Ginnala. SIBERIAN MAPLE. A graceful shrub with handsome leaves that turn a beautiful red in early autumn. It is very useful for foliage effects in climates too cold for the Japanese Maples, and also for mingling with them in beds or groups. 4 feet, 50 cts.

The Japanese Maples

These represent the highest development of complex, vivid beauty in hardy trees and shrubs. They are small and bush-like in growth, with leaves delicately cut and oddly formed or brightly colored. These characteristics make possible the hardy, permanent beds for color materials long sought for in vain. For bordering groups of taller trees and shrubs, or grown in tubs for house decoration, they are equally fine. These elegant little trees grow slowly. We have selected the finest and most distinct varieties and offer American-grown plants, which are stronger, more robust and more reliable than imported ones.

Acer polymorphum. A small, handsome, bushy tree, with deeply lobed copperish green foliage that turns a beautiful crimson in autumn. The parent form of many of the varieties; it is attractive, either in groups or as a specimen.

2 to 3 feet	$1 50
4 feet	4 00



A COLLECTION OF JAPANESE MAPLE LEAVES

Acer polymorphum, var. atropurpureum. BLOOD-LEAVED. In habit and form like the preceding, but the leaves are a deep blood-red all through the season.

1½ to 2 feet	$2 00
2 to 2½ feet	2 50
2½ to 3 feet	3 50

var. atropurpureum nigra. Foliage and branches of the darkest shade, almost black, more permanent than any other variety. Habit erect. Rare and choice, and a most distinctly attractive lawn tree. 2½ feet, $2.50.

var. dissectum atropurpureum. Of dwarf, weeping, graceful form, with purple leaves, deeply and delicately cut.

1½ to 2 feet	$2 00
2 feet	3 00

var. sanguineum crispum. Dwarf, spreading habit; deeply lobed leaves, bright rosy purple in June. 2½ to 3 feet, $3.

Æsculus · Horse Chestnuts

Of pyramidal growth, whose value as an ornamental flowering tree warrants more appreciation. Suitable for shade and avenues. They curiously unfurl their leaflets in early spring and in May are covered with great spangles of flowers that contrast beautifully with their deep green foliage.

Æsculus carnea; syn., **rubicunda.** RED HORSE-CHESTNUT. Has bright red flowers.

3 to 4 feet	$0 75
4 to 5 feet	1 00

Æ. Hippocastanum. HORSE-CHESTNUT. White-flowered and hardy; grows 50 to 60 feet high.

4 to 6 feet	$0 50
6 to 8 feet	1 00
8 to 9 feet	1 50

Ailanthus

Ailanthus glandulosa. CHINESE SUMAC, TREE OF HEAVEN. A lofty, rapid-growing shade tree, with feathery tropical-looking foliage. It probably withstands the smoke and gases of cities better than any other tree.

8 to 9 feet	$0 75
10 to 12 feet	1 00

Alnus · Alders

Alnus glutinosa. EUROPEAN, or COMMON ALDER. This is a rapid-growing tree, having dull green foliage and catkins in early spring. It is particularly well suited for wet places, and we recommend its more general use.

9 to 10 feet	$0 50
10 to 12 feet	75

A. incana. SPECKLED ALDER. Much resembles the former in habit of growth, and while it, too, does well in moist places, it is also happy in dry and more meager soils.

9 to 10 feet	$0 50
10 to 12 feet	75

Amelanchier

Amelanchier Botryapium. SERVICE BERRY, JUNE BERRY, SHAD-BLOW. A small, beautiful flowering tree that blooms in April. Its thick snowy clouds of drooping white flowers render it conspicuous in the leafless landscape. 2 to 3 feet, 50 cts.

Aralia

Aralia pentaphylla; syn., **Acanthopanax spinosum.** See Shrubs.

A. spinosa. HERCULES' CLUB. The stout, prickly stem, the large leaves, and the enormous clusters of white flowers, give it a tropical effect. Good for poor soils. 3 to 5 ft., 50c.

Betula · The Birches

The Birches are distinguished for their elegant, graceful appearance, slender branches, light, airy foliage and for the silvery white bark of some of the species. They endure a wide range of climatic conditions, and thrive not only in moist localities, but do well even in high, dry or stony places.

Betula alba. EUROPEAN WHITE BIRCH. Very ornamental and especially desirable for planting along water edges. Of dark bark and erect growth when young, changing into a white bark tree with drooping branches.

6 to 8 feet	$1 00
8 to 10 feet	1 25
10 to 12 feet	2 00

var. fastigiata. PYRAMIDAL WHITE BIRCH. Of compact, pyramidal habit, silvery white bark, and useful wherever a small columnar-shaped tree is needed.

6 to 8 feet	$1 50
8 to 10 feet	2 00

var. laciniata pendula. WEEPING CUT-LEAVED WHITE BIRCH. A tall slender tree, acquiring with age a very graceful drooping habit and silvery white bark. The foliage is delicately cut and especially attractive. 5 to 6 feet, $1.25.

var. pendula Youngii. YOUNG'S WEEPING BIRCH. In character resembling the Weeping Beech. Distinct in habit, and useful in collections or as a specimen. 4 to 6 feet, $2.

var. lenta. SWEET, BLACK, or CHERRY BIRCH. Our tall, symmetrical forest tree, with bronzed, aromatic bark and leaves. 4 feet, 50 cts.

B. lutea. YELLOW BIRCH. Similar to above · bark yellowish gray.

5 to 6 feet	$0 50
12 to 14 feet	2 00

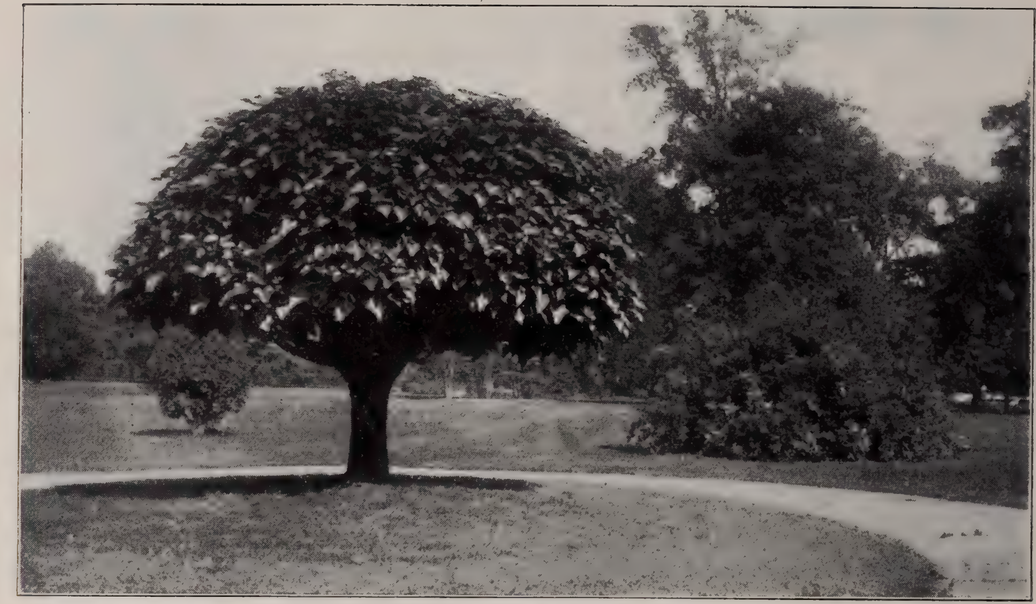
B. nigra; syn., **rubra.** RED BIRCH. A moisture-loving, graceful tree. Remarkable for its torn and ragged bark. 3 to 4 feet, 50 cts.

Betula papyrifera. PAPER, OR CANOE BIRCH. Tall and exceedingly handsome, with very white bark and loose, graceful head when older.

6 to 7 feet	$1 00
8 to 10 feet	1 50

B. populifolia. AMERICAN WHITE BIRCH. A small, rapid-growing tree, with grayish white bark. 5 to 6 feet, 75 cts.

CUT-LEAVED WEEPING WHITE BIRCH



CATALPA BUNGEI

The Catalpas

These are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves are large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesting. They do well in exposed situations and meager soils.

Catalpa bignonioides. COMMON CATALPA. Fragrant white flowers, with crimson flecks and yellow centers. Trees of spreading, irregular form and of rapid growth.

6 to 8 feet	$0 50
8 to 10 feet	1 00

C. Bungei. CHINESE CATALPA. A curious dwarf tree, with a globular head measuring 8 to 10 feet in diameter. Top-grafted on tall stems, it is as effective for lawn and terrace decorations as the tender and more expensive bay trees. Quite hardy, most distinct and desirable for lawn planting. We offer a magnificent stock of these in large, medium and small sizes.

5 to 7 feet, 1-year heads	$1 50
5 to 7 feet, 3-year heads	3 50
7 feet, 4-year heads	5 00

C. speciosa. WESTERN CATALPA. Ornamental as a flowering tree, and durable as a timber. It is much valued in the central states, and largely grown there. Tall, hardy, quick of growth, and thrives in almost any soil, most hardy of the Catalpas.

Catalpa speciosa, continued

4 to 6 feet	$0 40
6 to 8 feet	50
8 to 10 feet	75

Carya and Castanea · Hickory and Chestnuts

See Nut Trees

Cerasus · The Cherries

See Prunus

Cercidiphyllum

Cercidiphyllum Japonicum. Hardy, ornamental, shrubby tree, with handsome foliage. Recently introduced from Japan. Prefers rich and moist soils, grows rapidly when young. 3 to 4 feet, 75 cts.

Cercis · Judas or Red Bud Trees

Very early in spring the leaflets, branches and twigs of these trees are clothed in a thick mist of delicate deep pink flowers. Planted among other early-blooming trees they produce fine effects, or as single specimens are beautifully attractive. Their radiant flower-masses are followed by glossy leathery foliage.

Cercis Canadensis. AMERICAN RED BUD. Small, rapid-growing, round-headed tree or bush.

3 to 4 feet	$0 50
4 to 6 feet	75

C. Japonica. JAPAN JUDAS. More dwarf, with larger and more brilliant flowers.

2 to 3 feet	$0 50
3 to 4 feet	75

Cladrastis

Cladrastis tinctoria; syn., **Virgilia lutea.** YELLOW WOOD. A pretty little tree, with smooth, light bark and graceful branches, that bears drooping racemes of sweet-scented, white wistaria-like flowers in June. 3 to 4 feet, 50c.

Cornus · Dogwood

See also Shrubs

Cornus florida. WHITE DOGWOOD. Though natives of our forests, these small trees are of inestimable value in landscaping. Their innumerable white-petaled flowers clothe the tree in early spring, and present a delightful contrast with other leafless trees or appear in striking relief against the dark foliage of evergreens. The deep crimson autumnal coloring of the leaves rivals in brilliancy that of the scarlet oak. For planting in quantity with shrubs for screens, or under and among larger trees, nothing is finer.

2 to 3 feet	$0 50
3 to 4 feet	75
4 to 5 feet	1 00
7 to 8 feet	2 00
8 to 10 feet	2 50

var. rubra. Of similar characteristics, with pink flowers. 2 to 2½ feet, $1.

var. pendula. Of decidedly drooping habit. Much used as specimens. 5 to 7 feet, $5.

Cratægus · Thorn

Cratægus Oxyacantha. ENGLISH HAWTHORN. Fragrant rose-like white flowers. A bush with spreading branches and stout spines. Useful for clumps or hedging. 2 to 3 ft., 35c.

var. alba flore pleno. DOUBLE WHITE HAWTHORN. A little tree that contrasts nicely with the scarlet variety. 3 to 4 feet, 75 cts.

var. coccinea flore pleno. PAUL'S DOUBLE SCARLET THORN. A new sort that has fine double crimson flowers. 3 to 4 feet, 75c.

var. rosea flore pleno. DOUBLE PINK HAWTHORN. Similar to Oxyacantha, with fragrant rose-colored flowers. 3 to 4 feet, 75 cts.

BERRIES OF CORNUS FLORIDA

Cytisus

Cytisus Laburnum. GOLDEN CHAIN. Popular with the Germans as "Golden Rain," and useful most anywhere. It does not grow tall. We offer it in both bush and tree form. In early summer it is extremely bright with graceful racemes of wistaria-like golden yellow flowers. 3 to 4 feet, 35 cts.

Fagus · The Beeches

These are among the most attractive, ornamental trees for lawn or park plantings. They are useful for avenues, high screens or as specimens. Hardy, and rarely subject to insect ravages. The deep, dark red leaves of the Purple variety, the delicately cut foliage of the Fern-leaved, and the grotesqueness of the Weeping Beech are characteristics meriting their more general use. Like other hard-wood trees, they require pruning when planted.

WEEPING BEECH (Surroundings show the work of our Landscape Architect)

Fagus ferruginea. AMERICAN BEECH. Our noble forest native, with light gray bark and symmetrical head.

4 to 5 feet	$1 00
5 to 7 feet	1 50
8 to 9 feet	3 50
9 to 10 feet	5 00

F. sylvatica. EUROPEAN BEECH. A compact, long-lived tree, of darker green leaves, that turn a light brown and cling fast all winter.

4 to 6 feet	$1 00
6 to 8 feet	1 50
8 to 9 feet	2 50

Fagus sylvatica, var. heterophylla. FERN-LEAVED BEECH. The deep, delicately cut foliage, and dwarf, ball-like form, make this an elegant tree where specimens are required. We recommend its more general use. 3 to 4 feet, $2.

var. pendula. WEEPING BEECH. A large, remarkably vigorous tree, of curious, picturesque growth. Its twisting, gnarled and contorted, down-sweeping branches resemble rich fountains of foliage, and make it indispensable as a specimen or in breaking up the regular outline of other trees. One of the most charming weeping trees in cultivation.

2 to 3 feet	$2 00
4 to 5 feet	3 00

var. purpurea. PURPLE, or COPPER BEECH. A vigorous, elegant tree, of medium size, useful for contrasting effects, with attractive foliage changing from deep purple in spring, through crimson in summer to purplish green in fall.

2 to 3 feet	$0 75
6 to 8 feet	3 00
8 to 10 feet	4 00

Fagus sylvatica, var. purpurea Riversii. RIVERS' PURPLE BEECH. The finest of all purple-leaved trees. When a large-growing tree with purple foliage is wanted, nothing equals this. Though it varies in intensity of color from early spring until late fall, the leaves are always a rich shade, sometimes crimson and sometimes almost black. At all times it is a most magnificent ornament to the lawn. 6 to 7 feet, $2.

Fraxinus · The Ashes

Desirable shade trees for parks or lawns, with large, open spreading heads and light, airy foliage.

Fraxinus alba. AMERICAN WHITE ASH. This grand old native is quick of growth, with massive trunk and broad spreading limbs. It is highly valued for timber, shade or street planting.

6 to 8 feet	$0 75
8 to 10 feet	1 00
10 to 12 feet	1 50

F. excelsior. EUROPEAN ASH. Taller and more rounded than the American, with larger, darker leaves, which remain on the tree late into the fall, and distinguished by its black buds. It thrives in moist ground.

8 to 10 feet	$0 75
10 to 12 feet	1 25

var. pendula. WEEPING ASH. Of rapid growth for a weeping tree. When grafted on tall stems it forms a round spreading top. 6 to 8 feet, $2.

F. Ornus. EUROPEAN FLOWERING ASH. A small ornamental tree that bears great masses of fringe-like flowers in June, filling the air with a sweet fragrance. 8 to 10 feet, 75 cts.

F. nigra; syn., **Sambucifolia.** BLACK ASH. A medium tall tree, hardy as far north as Canada, with elegant foliage. Forms a broad open head. A desirable shade tree.

6 to 8 feet	$0 75
8 to 10 feet	1 25
12 to 14 feet	2 50

Gleditschia · Locust

Gleditschia triacanthos. HONEY LOCUST. This is a tree of remarkably rapid growth, that flourishes almost anywhere. Its timber is especially durable. It is useful for quick effects; makes a lasting fence if planted in hedge-rows, with wires nailed to them when established; useful for a thorny hedge or tall screen; very desirable; much used.

5 to 6 feet	$0 35
6 to 8 feet	50

Ginkgo · Maidenhair Tree

See Salisburia

LIQUIDAMBAR (Sweet Gum) See page 32

Gymnocladus

Gymnocladus Canadensis. KENTUCKY COFFEE TREE. An odd tree of medium size, with narrow, pyramidal head. Its branches are blunt and twigless, and the feathery bluish green foliage gives it a tropical aspect. Has white flower-panicles that are followed by large seed-pods. Is remarkably free from the ravages of insects. Withstands well adverse conditions ; is ornamental and desirable.

4 to 6 feet	$0 50
6 to 8 feet	75

Juglans · The Walnut

Some of these are quite ornamental, especially the Black Walnut (*Juglans nigra*), and the Butternut (*Juglans cinerea*). They are described among Nut Trees.

Kœlreuteria

Kœlreuteria paniculata. A small tree, attractive at all seasons, especially when covered with panicles of showy yellow flowers a foot long.

2 to 3 feet	$0 35
3 to 4 feet	50

Larix · Larch

Larix Europæa. EUROPEAN LARCH. A conifer with deciduous needle-like leaves ; bright green very early in spring and clear yellow in autumn. Grows rapidly into a tall, pyramidal tree, with graceful drooping branches.

4 to 6 feet	$0 75
6 to 8 feet	1 25
8 to 10 feet	2 00

Liquidambar

Liquidambar styraciflua. SWEET GUM. A native tree of rapid growth. It is of medium height, has a narrow pyramidal head, is hardy and grows well in either dry or damp soil. The bark is corky, and the beautiful glossy green star-shaped leaves make a cooling shade in summer, but in autumn its brilliant foliage presents varying shades of color from bright red to the darkest crimson. Admired on any lawn.

Liquidambar styraciflua, continued

4 to 6 feet	$0 75
6 to 8 feet	1 50

Liriodendron

Liriodendron Tulipifera. TULIP TREE. A grand native tree of rapid growth, that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green, glossy and dense. After attaining maturity the tree flowers freely in June, producing numbers of creamy yellow fragrant tulip-like flowers.

5 to 7 feet	$0 75
8 to 10 feet	1 25
10 to 12 feet	2 00

YOUNG TULIP TREE

FLOWERS OF MAGNOLIA SOULANGEANA (See page 34)

The Magnolias

Their lavish profusion of large and beautiful flowers, their fragrance, richness of foliage and stately, tropical aspect place the Magnolias easily first among flowering trees. Planted in groups, their spring inflorescence is grand beyond description ; as lawn specimens or against an evergreen foil their large, glossy foliage and shapely outline make them beautiful anywhere. They thrive in any good soil, but like best one that is warm, rich and moderately moist. Plant in spring to insure best results. Our stock of all these varieties is fine and well rooted.

AMERICAN SPECIES AND VARIETIES

Magnolia acuminata. CUCUMBER TREE. This tallest species is a fine pyramidal tree attaining a height of 60 to 90 feet. The fruit-cones are cucumber-shaped, turning crimson in autumn. A fine avenue tree. 5 to 6 feet, 75 cts.

M. glauca. The native "Sweet Bay" of our swamps, whose fragrant white flowers in June are much admired. Its glossy laurel-like leaves are almost evergreen.

1 to 2 feet	$0 50
3 feet	1 00
4 to 5 feet	1 50

Magnolia grandiflora. EVERGREEN MAGNOLIA. This broad-leaved southern evergreen flourishes in sheltered places as far north as Pennsylvania. Its flowers are deep, broad cups of waxen white, they are deliciously fragrant, and begin to appear while the tree is quite young. 1½ feet, $1.50.

M. macrophylla. GREAT-LEAVED MAGNOLIA. The leaves of this tree are sometimes 2 feet long and often the fragrant large white flowers are 10 or 12 inches across. A tropical-looking tree of medium size that blooms in June. 6 to 8 feet, $2.

American Magnolias, continued

Magnolia tripetala. UMBRELLA TREE. A hardy, rapid-growing tree of medium size. The head is open, the leaves are large and disposed in whorls about the branches, producing a tropical effect. Its showy white flowers are frequently 6 inches in diameter, followed by crimson fruit-pods of striking beauty.

4 to 6 feet	$1 00
6 to 8 feet	1 50
8 to 10 feet	2 00
10 to 12 feet	3 50

ORIENTAL SPECIES AND THEIR HYBRIDS

These are more dwarf in habit than the American varieties. They readily assume bush form, though frequently attaining a height of 20 or 30 feet. They bloom profusely in April and May, just before their leaves appear.

Magnolia Alexandrina. Has large, light pink flowers resembling Soulangeana, but blooms earlier. 3 to 4 feet, $2.

M. conspicua. CHINESE WHITE MAGNOLIA. A small tree; deep, cup-like waxy flowers thickly cover it in April before the leaves appear, and make it an ornament to any lawn. 3 to 4 feet, $2.

M. Kobus. THURBER'S MAGNOLIA. This bushy tree has small, fragrant creamy white flowers that appear with those of the variety Conspicua. 2 to 3 feet, $1.50.

M. Lennei. LENNE'S MAGNOLIA. This remarkable tree blooms in May and frequently again in late summer. Its flowers are dark rose without and pearly white within. It is a strong grower. 2½ to 3½ feet, $2.

M. Soulangeana. SOULANGE'S MAGNOLIA. Among the hardiest and finest of the foreign varieties. The large purple and white flowers, borne a little later than those of Conspicua, are attractive anywhere. 4 to 5 feet, $2.

M. speciosa. Resembles *M. Soulangeana*, excepting that the flowers are smaller, appear a little later, and remain longer on the tree. 3 to 4 feet, $2.

Magnolia stellata; syn., **Halleana.** HALL'S JAPANESE MAGNOLIA. Dwarf and bushy. It blooms earlier than any other variety, and its semi-double, white, star-like flowers are delicate and fragrant. A striking novelty where early bloom is desirable. 2 to 2½ feet, $2.

Morus · Mulberries

Birds are passionately fond of Mulberries, and gather through the summer in great numbers to enjoy their sweet fruits. By planting these trees the naturalist may draw his feathered friends about him. Their characteristics are hardiness to withstand cold, drought and neglect.

Morus alba New American. NEW AMERICAN MULBERRY. Large, fine fruit. 4 to 6 feet, 50 cts.

M. Downing. DOWNING'S EVERBEARING. One of the best for eating. Desirable.

4 to 6 feet	$0 50
6 to 8 feet	1 00

M. nigra. BLACK MULBERRY. Bears abundantly. 8 to 10 feet, 50 cts.

var. Tatartica. RUSSIAN MULBERRY. Bears large crops of small fruits. 4 to 5 feet, 50 cts.

var. Tatartica pendula. TEAS' WEEPING MULBERRY. Requires but two or three years to develop into a handsome weeping tree that will ornament any lawn. The pendulous branches sweep the ground in shining lengths.

1 year	$1 00
2 years	1 50
3- and 4-year heads; specimens	$3 50 to 5 00

Paulownia

Paulownia imperialis. EMPRESS TREE. This is an odd-looking tree, with immense leaves that often measure 18 inches across, and in June bears long panicles of purplish flowers. If cut back to the ground each year, the roots send up rapid-growing branchless trunks that produce a unique and tropical effect.

4 to 5 feet	$0 50
6 to 8 feet	75

Persica · The Flowering Peaches

See Prunus

Platanus

Plane, or Buttonwood

The Platanus is among our tallest trees, grows rapidly into massive proportions, is hardy, and remarkably free from disease. Is a great favorite for streets, parks or lawns, does well in most soils, withstands the smoky atmosphere of cities and thrives near the seashore.

Platanus occidentalis. BUTTONWOOD; Our native sort. 10 to 12 feet, $1.50.

P. orientalis. ORIENTAL PLANE; BUTTONWOOD. Similar to the above, but a better tree, of more graceful habit.

6 to 8 feet	$0 75
8 to 10 feet	1 00
10 to 12 feet	1 50
12 to 14 feet	2 00

WEEPING MULBERRY, AT GLENWOOD (See preceding page)

Populus · The Poplars

These trees grow fast, are quickly effective and cheap. They thrive in almost any soil, withstand well the smoke and gases of city streets, and the heavy winds of our coasts. Where quick shade or temporary effects are desired, Poplars are much used.

Populus alba. WHITE POPLAR. A broad-headed tree, whose leaves are snowy white beneath. 8 to 10 feet, 50 cts.

var. Bolleana. BOLLE'S POPLAR. In habit resembles the Lombardy Poplar, but leaves are silvery white beneath.

6 to 8 feet	$0 50
8 to 10 feet	75

P. balsamifera. BALSAM POPLAR. A rapid grower of spreading pyramidal form, with glossy green leaves. 10 to 12 feet, 75 cts.

P. nigra, var. fastigiata. LOMBARDY POPLAR. A tall, columnar form, that is in contrast to the more rounded outline of other trees. It branches from the ground, and is much used where a tall hedge is wanted to screen unsightly objects.

Populus nigra, var. fastigiata, continued

10 to 12 feet	$1 00
12 to 14 feet	1 50

P. monilifera; syn., **deltoides.** CAROLINA POPLAR. The heart-shaped leaves are glossy and fresh-looking. Withstands well conditions under which many trees die. Largely planted in cities, and for quick effect about new buildings.

10 to 12 feet	$1 00
12 to 14 feet	1 50

var. Van Geertii. VAN GEERT'S GOLDEN POPLAR. One of the best yellow-leaved trees, and holds its color well throughout the season.

4 to 6 feet	$0 50
8 to 10 feet	1 00

Prunus · Almond, Cherry, Peach and Plum

This is a large and varied genus of trees

Prunus Amygdalus · Almonds

Dwarf trees or shrubs, covered in May with small, double, sweet-scented flowers.

Amygdalus communis, var. alba flore plena. White. 35 cts.

var. rosea flore plena. Pink. 35 cts.

var. rubra flore plena. Red. 35 cts.

Prunus Cerasus · Cherry

Cerasus Avium, var. flore alba plena. LARGE DOUBLE-FLOWERING CHERRY. Covered in May with white flowers. 4 to 6 feet, 75 cts.

C. Japonica, var. flore alba plena. JAPANESE DOUBLE-FLOWERING CHERRY. White flowers. 5 feet, $1.

var. pendula. JAPANESE WEEPING CHERRY. A fine weeping tree, whose pendulous branches bear great masses of delicate pink flowers. 5 to 6 feet, $1.50.

var. rosea. JAPANESE ROSE-FLOWERING. Pink flowers. $1.50.

C. serotina. WILD BLACK CHERRY. Its flower-racemes are white and fragrant, its leaves glossy, and its fruits black.

7 to 8 feet	$0 75
8 to 10 feet	1 25
10 to 12 feet	1 50

C. Sieboldii flore plena. SIEBOLD'S DOUBLE-FLOWERED CHERRY. White flowers, tinted with rose. 5 to 6 feet, $1.50.

Prunus Persica · Peach

Little trees that wrap themselves in such rich clouds of bloom early in spring. We offer three varieties which contrast finely when grouped, and bloom before other trees have started.

Persica vulgaris, var. rosea plena. DOUBLE PINK-FLOWERING. 4 to 5 feet, 75 cts.

var. sanguinea plena. DOUBLE RED-FLOWERING. 4 to 5 feet, 75 cts.

var. foliis purpureis. PURPLE-LEAVED PEACH. The new foliage is a deep purple. 4 to 5 feet, 75 cts.

Prunus · Plums

Prunus cerasifera, var. atropurpurea; syn., **Prunus Pissardi.** PURPLE-LEAVED PLUM. The young shoots and leaves are lustrous crimson, changing to rich purple and retaining it until they fall in autumn. The small white single flowers cover the shrub in spring. Useful for contrasts in grouping with other trees or shrubs.

2 to 3 feet	$0 35
4 to 5 feet	75

P. triloba. FLOWERING PLUM. Flowers semi-double, delicate pink, thickly set on slender branches. 3 to 4 feet, 50 cts.

Ptelea · Hop Tree

Ptelea trifoliata. Is a pretty shrub-like tree that bears clusters of white flowers in June, followed by showy hop-like seed in the fall.

3 to 4 feet	$0 35
4 to 6 feet	50
6 to 8 feet	75

var. aurea. GOLDEN HOP TREE. Highly valued for the sunny golden green of its leaves, which is constant through summer.

2 to 3 feet	$0 35
3 to 4 feet	50
4 to 5 feet	75

Pyrus · Flowering Crab Apples

Hardy little flowering trees, that bloom abundantly in spring. Their double fragrant flowers are always enthusiastically remarked upon.

Pyrus angustifolia, var. Bechteli. BECHTEL'S DOUBLE-FLOWERING CRAB. Bears masses of double, rose-like flowers of a delicate pink color and most delightful fragrance. Blooms when quite young.

2 to 3 feet	$0 50
3 to 4 feet	75
4 to 5 feet	1 00

P. Malus Parkmani. PARKMAN'S DOUBLE-FLOWERING. Pendent, semi-double, dark rose-colored flowers, that wreath its branches.

2 to 3 feet	$0 50
3 to 4 feet	75

Quercus · The Oaks

"STRENGTH, SOLIDITY, DURABILITY ARE SYMBOLIZED IN THE OAK"

These grand trees, possessing so many virtues, do not grow slowly, as is often supposed. Their great vigor and hardihood enable them to withstand the drought of hillsides and the caustic influences of sea spray. Their broad, spreading heads make them desirable shade trees for lawns, parks, public grounds and avenues. The brilliant autumnal coloring of some species is everywhere commented upon. Our Oaks are frequently transplanted, and when thus cared for are not difficult to establish. Prune severely when planting.

Quercus alba. White Oak. This well-known grand old forest tree is unsurpassed for ornamental purposes, when given space to develop.

4 to 6 feet	$0 75
6 to 8 feet	1 25
8 to 9 feet	2 00

Q. bicolor. Swamp White Oak. A medium tall, round-topped, open-headed tree, with light gray, scaly bark. Attractive, and thrives well in either wet or dry situations.

5 to 6 feet	$1 00
6 to 8 feet	1 50
8 to 10 feet	2 00

Q. Cerris. Turkey Oak. A handsome Oak of pyramidal growth when young, developing into a broad, open-headed tree. The small, pinnatifid leaves remain green until after the first heavy frosts.

8 to 10 feet	$1 50
10 to 12 feet	2 00
12 to 14 feet	3 00

Q. coccinea. Scarlet Oak. Tall, pyramidal, especially valued for the sparkling red of its autumn foliage.

5 to 6 feet	$1 00
7 to 8 feet	1 50
8 to 10 feet	2 00

Q. macrocarpa. Mossy-cup Oak. Of massive, open growth, with large, heavy leaves and deeply corrugated bark. The cups of the large acorns are curiously fringed with gray moss. Among the noblest of all the species.

5 to 7 feet	$1 00
7 to 9 feet	1 50

Q. palustris. Pin Oak. A tree of especial grace and beauty; the most popular of all Oaks; unsurpassed as lawn specimens, admired for avenues, and withstands well the unnatural conditions of our cities. As the tree grows the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the fall. We have a large stock of these desirable trees that have straight trunks, good heads, and are transplanted. (See illustration, page 23.)

6 to 7 feet	$1 00
7 to 8 feet	1 25
8 to 9 feet	1 50
9 to 10 feet	2 00
10 to 11 feet	2 25
Extra heavy specimens	$5 to 10 00

Q. Phellos. Willow-leaved Oak. A symmetrical, round-headed, fast-growing tree, of medium size, that is uncommon and ornamental. Prefers moist soils.

3 to 4 feet	$0 75
5 to 6 feet	1 25
6 to 8 feet	1 75

Q. Prinus. Chestnut Oak. Of tall, vigorous growth, with leaves shaped like a chestnut's. Native of dry situations.

4 to 6 feet	$0 75
6 to 8 feet	1 50

Q. Robur. English Oak. Of moderate growth, with massive, spreading stature. Long-lived, with foliage that differs from our native sorts. A grand tree for lawns and public grounds.

6 to 8 feet	$1 00
8 to 10 feet	1 25
10 to 12 feet	1 75
12 to 14 feet	3 50
14 to 16 feet	5 00

Q. rubra. Red Oak. Large in stature and leaf. The young shoots and leaf-stems are red, the foliage purplish crimson in autumn.

6 to 8 feet	$1 25
8 to 10 feet	1 75
10 to 12 feet	3 00

Salisburia

Salisburia adiantifolia. GINKGO, OR MAIDENHAIR TREE. Recently this tree has sprung into great popularity, and it merits the praise it receives. It is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair fern. But its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds, and useful for street planting. It is of medium height, pyramidal in growth, sparsely branched and of characteristic irregular outline.

5 to 6 feet	$0 50
6 to 8 feet	1 00
8 to 10 feet	1 50

Salix . The Willows

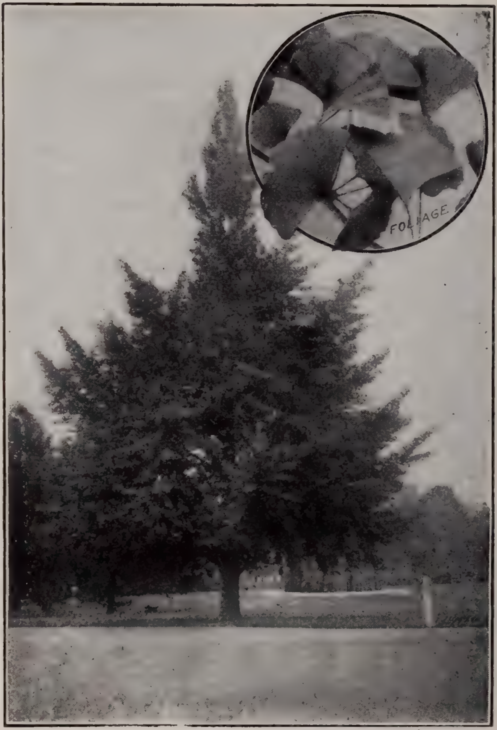
These are rapid-growing, moisture-loving trees, that are very useful for lawns and waterside plantings.

Salix Babylonica. WEEPING WILLOW. This is the well-known Weeping Willow, whose long, pendulous branches droop so gracefully, and sway to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places.

6 to 8 feet	$0 50
8 to 9 feet	1 00

S. caprea, var. pendula. KILMARNOCK WILLOW. A curious umbrella-shaped form that seldom grows much taller than where grafted. Has beautiful catkins in early spring.

Extra large heads	$1 50
Good heads	75



SALISBURIA (Ginkgo, or Maidenhair Tree)

S. pentandra. BAY, OR LAUREL-LEAVED WILLOW. Has dark green glossy leaves that shine conspicuously in the sunlight. Does equally well when planted at the seaside or inland. We grow these both as bushes and trees. The former make attractive plants and tall hedges; the latter grow 20 to 25 feet high, or clipped to standard form resemble Bay trees.

Salix pentandra, continued

Bush form, 4 to 6 feet	$0 50
Tree form, 6 to 8 feet	75

S. purpurea pendula. NEW AMERICAN WEEPING. A beautiful fountain shape forming a fine globular head. Fine heads, $2.

S. rosmarinifolia. ROSEMARY WILLOW. Dwarf ornamental tree, with rounded head, slender twigs and small silvery leaves. Grafted on straight stems they form elegant open-headed trees that produce charming effects in gardening. 2-yr., top-grafted, 5 to 6 ft., $1.50.

We can also supply, in limited quantity, *Salix vitellina* (yellow bark), and *Salix regalis* (silvery foliage).

Sorbus · Mountain Ash

Sorbus (Pyrus) Aucuparia. EUROPEAN MOUNTAIN ASH. A tree of medium size, having pinnate leaves and bearing clusters of orange-colored berries from midsummer until frost. 6 to 8 feet, 75 cts.

var. pendula. A weeping variety. 7 to 8 ft., $1.

var. quercifolia. OAK-LEAVED MOUNTAIN ASH. The deeply cut leaves are white beneath and resemble those of the oak. A very ornamental small tree. 5 to 6 feet, $1.

Styrax

Styrax Japonica. A neat little tree that makes a fine display in June and July, when hung full of its fragrant white bells. Of graceful, loose and spreading habit. Is well adapted for shrubberies or as a single ornament on the lawn. It is deserving of more general appreciation.

2 to 3 feet	$0 75
3 to 5 feet	1 00

Taxodium

Taxodium distichum. DECIDUOUS, or BALD CYPRESS. Grows rapidly and thrives in damp or dry soils. Very beautiful when in full leaf, with its fleecy, light green, cheerful foliage. It is a remarkably tall, narrow-headed tree, of conical outline that is popular for ornamental specimen planting.

4 to 5 feet	$0 75
5 to 7 feet	1 00
8 feet	1 50

var. pendula. A small, weeping tree, of much grace, and particularly beautiful on account of its fine feathery foliage. 2 to 3 feet, $2.

Tilia · Linden or Lime

These are large, rapid-growing lawn and avenue trees, that develop rounded heads and cast a cool, dense shade. Their light yellow flowers are very fragrant, and the large leaves, heart-shaped. Lindens are hardy and grow well in any moderately good soil.

Tilia Americana. AMERICAN LINDEN, or BASSWOOD. Of splendid form and stature, larger and more open-headed than the other varieties. Will grow also in low places. "No summer odor is quite so fresh and uncloying as that of the blossoming Lime."

4 to 6 feet	$0 50
6 to 8 feet	75
8 to 10 feet	1 50
10 to 12 feet	2 00
12 to 14 feet	$3 50 to 5 00

T. argentea. SILVER-LEAVED LINDEN. The leaves are green above and silvery beneath. The foliage is especially pretty when tossed about by the wind. 10 to 14 feet, $5 to $15.

var. pendula. SILVER-LEAVED WEEPING LINDEN. To the finer characteristics of the upright form, this tree adds a graceful drooping habit. 6 to 8 feet, $2.25.

Tilia platyphyllos. BROAD-LEAVED EUROPEAN LINDEN. The head of this tree is not so open as that of the American species. Its leaves are larger and the surface of them is rough. The small flowers open at least a week earlier in the spring. In other respects it possesses characteristics similar to those of all Lindens. At maturity it attains a height of about 90 feet, and makes a stately tree of fine proportions that is useful in all ornamental plantings.

6 to 8 feet	$0 75
8 to 10 feet	1 50
10 to 12 feet	2 50
12 to 14 feet	$4 to 6 00

T. sylvestris. NARROW-LEAVED EUROPEAN LINDEN. Of doubtful nomenclature, with smaller leaves than the above, but resembles it in habit and growth.

10 to 12 feet	$1 50
12 to 14 feet	2 50

Ulmus · The Elms

In landscape planting the Elm is the most generally useful of all our trees. It is of massive proportions, long-lived and the branches spread out into graceful arches that support a drooping fringe of twigs. The heads are so open that electric wires do not injure them, a desirable feature of all street trees. It is extensively used for wide lawns, parks or public grounds, over which they cast their cooling shade. Grows best in rich soils. Even quite large trees are easily transplanted. We have a fine stock and offer many large specimens.

Ulmus Americana. AMERICAN ELM. This tree, which arches many New England streets, grows well in other sections. Its rapid growth and especial grace make it unsurpassed for semi-urban and suburban planting. It is less subject to the attacks of the Elm leaf beetle than the foreign sorts.

8 to 10 feet	$1 00
10 to 12 feet	1 50
12 to 14 feet	$2 00 to 3 00

Ulmus campestris. ENGLISH ELM. Equally fine and imposing, adapts itself better to unfavorable conditions, holds its leaves a longer time.

8 to 10 feet	$1 00
10 to 12 feet	1 50
12 to 15 feet	$2 50 to 4 00

U. scabra, var. pendula. CAMPERDOWN ELM. Grafted 6 to 8 feet high, its branches grow out rapidly until at maturity they often form a tent 30 feet across. 2-year heads, $1.50.

Trees of Drooping Habit

The landscape artist finds trees of this character especially valuable for contrast and variety of form. They form cool green tents and arbors for summer, which make delightful playgrounds for children, and they are also popular for cemetery planting. We can furnish large specimens of nearly all varieties. Among the Evergreens are other trees of curious weeping form, of which we offer good specimens in nearly all the varieties. Our assortment of trees of this class is unusually large and fine.

BETULA. THE BIRCHES. See page 26.

B. alba pendula laciniata. CUT-LEAVED WEEPING BIRCH. 5 to 6 feet, $1.25.

B. pendula Youngii. YOUNG'S WEEPING BIRCH. See page 27. 4 to 6 feet, $2.

CERASUS Japonica rosea pendula. JAPAN WEEPING CHERRY. See page 36. 5 to 6 feet, $1.50.

CORNUS florida pendula. WHITE WEEPING DOGWOOD. See page 29. 5 to 7 feet, $5.

FAGUS sylvatica pendula WEEPING BEECH. See page 30

2 to 3 feet	$2 00
4 to 5 feet	3 00

FRAXINUS excelsior pendula. WEEPING ASH. See page 31. 6 to 8 feet, $2.

MORUS Tatarica pendula. TEAS' WEEPING MULBERRY. See page 34.

1-yr. heads	$1 00
2-yr. heads	1 50
3- and 4-yr. heads, specimens	$3.50 to 5 00

SALIX Babylonica. COMMON WEEPING WILLOW. See page 38.

6 to 8 feet	$0 50
8 to 9 feet	1 00

S. caprea pendula. KILMARNOCK WILLOW. See page 38.

Good heads	$0 75
Extra large heads	1 50

S. purpurea pendula. NEW AMERICAN WEEPING. See page 38. Fine heads, $2.

SORBUS (Pyrus) aucuparia pendula. WEEPING MOUNTAIN ASH. See page 39. 7 to 8 feet, $1.

TILIA alba pendula. SILVER-LEAVED WEEPING LINDEN. See page 39. 6 to 8 feet, $2.25.

ULMUS scabra pendula. CAMPERDOWN WEEPING ELM. Beautiful when covered with a canopy of dark green leaves. See above. 2-year heads, $1.50.

DEUTZIA LEMOINEI (See page 43)

Hardy Flowering Shrubs

IN emphasizing the importance of shrubbery, a prominent landscape gardener recently said: "If one-tenth the trouble wasted on carpet-bedding and other fleeting but costly rubbish had been spent on Flowering Shrubs, American gardens would look much the better for it today." At some seasons shrubs supply half the bloom and beauty of our grounds, as well as cozy nooks and screens. At all times they are needed as a brilliant undergrowth and supplement to the trees planted. Large estates now make lavish use of them for groups, beds, borders, screens, etc., as well as for specimens. They need little care.

At Glenwood Nurseries we grow a fine, full line of shrubs, transplanted, well rooted, well developed, and in various sizes from small plants of a year's growth to specimen shrubs of mature development, some 6 to 8 feet high. We shall be glad to furnish estimates to all who appreciate good stock, with good roots, at moderate prices.

Berberis · The Barberries

In May and June the Barberries are gay with showy masses of white, yellow or orange flowers; through autumn and winter they are even brighter with rich crops of berries. They are hardy, graceful, 2 to 6 feet high, thorny, and grow quickly in almost any soil, so that we can use them for

BERBERIS, continued

many things; neat little hedges and boundaries, borders, groups, against walls or house foundations, etc. The berries of the different species vary through red and dark blue shades to almost black, thus adding variety and beauty to the landscape.

Berberis Thunbergi. THUNBERG'S BARBERRY. A charming little Japanese form of dwarf habit. Its compact growth and thorny branches make it useful as a hedge, for which purpose it is almost impenetrable. It withstands shearing well and can readily be clipped into artificial forms, or made to fill a dozen or more needs in landscape gardening. It bears a profusion of white flowers in May, and in autumn it is all aglow with scarlet leaves and berries, and the whole winter this bright fruit clings to its branches.

	EACH	DOZ.	100
1 to 2 feet	$0 25	$2 00	$12 00
2 to 2½ feet	35	3 00	20 00

Berberis vulgaris. EUROPEAN BARBERRY. Flowers yellow, borne in drooping racemes, followed in the autumn by brilliant orange-scarlet fruit.

	EACH	DOZ.
1 to 2 feet . . . . per 100, $12	$0 25	$2 25
2 to 3 feet	35	3 00

var. purpurea. PURPLE BARBERRY. Leaves purple, in beautiful contrast with its flower-masses, and also with other shrubs, like the Golden Elder, Variegated Dogwood, Variegated Weigela, Variegated Privet, etc. Berries deep purplish red.

	EACH	DOZ.
1 to 2 feet . . . . per 100, $15	$0 25	$2 25
2 to 3 feet	35	3 00

Cornus · The Dogwoods

Independent of their flowers, which in some cases are very pretty, the Shrubby Dogwoods are valued for handsome fruits, leaf-variegations and for the bright-colored bark now so much prized for winter relief and contrast with evergreens. If cut back to the ground every spring, the young shoots will be brighter and more abundant. Plant in groups against evergreens. All are hardy and grow fast.

Cornus alternifolia is very distinct. It has clustered white flowers, dark blue fruits, and its irregularly whorled branches form flat, spreading tiers. 4 to 6 feet, 75 cts. each, $7.50 per doz.

C. florida. Described among trees, page 29.

C. sanguinea. RED OSIER DOGWOOD. The blood-red bark shows beautifully against the snow in winter. The large yellow flower-clusters are very abundant and appear early in spring.

	EACH	DOZ.
2 to 3 ft. . . 100, $12	$0 25	$2 50
3 to 5 ft.	50	5 00

var. elegantissima variegata. The leaves are broadly margined with white, sometimes entirely white, stems red. Grows rapidly. One of the finest variegated shrubs. 1 to 2 feet, 35 cts. each, $3 per doz.

CORNUS SERICEA

Cornus Gouchaulti aurea variegata. A fine golden variegated sort.

	EACH	DOZ.
1½ to 2 feet	$0 30	$3 00
2 to 3 feet	50	5 00

C. sericea. SILKY CORNEL. Deep red branches and narrow leaves covered with silky down; fruit-clusters a showy light blue; exceedingly handsome in late fall.

	EACH	DOZ.
2 to 4 feet	$0 35	$3 00
4 to 5 feet	50	5 00

C. Sibirica. RED SIBERIAN DOGWOOD. A remarkable sort with white flower-clusters and showy deep red bark.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
3 to 4 feet	50	5 00

C. stolonifera aurea. GOLDEN-BARKED CORNEL. The bright yellow branches contrast well with other sorts. Though recently introduced, it has proven vigorous and hardy.

	EACH	DOZ.
2 to 3 ft.	$0 35	$3 00
3 to 4 ft.	50	5 00

The Deutzias

The flowers of the Deutzias are tassel-like and clustered into thick wreaths along their drooping branches in June. These shrubs are hardy, vigorous, adapted to all soils and remarkable for grace, beauty and prodigal bloom. The taller forms are valuable for specimens, low ones for bordering, grouping or planting near the house.

Deutzia crenata candidissima. A new and handsome species, with very large double flowers so pure white and perfect that they are frequently used in "floral pieces." 2 to 3 feet, 35 cts. each, $2.50 per doz.

var. fl. pl. alba. DOUBLE WHITE DEUTZIA. A most beautiful shrub; flowers pure white, double, showy and spreading; very strong-growing variety.

	EACH	DOZ.
2 feet	$0 35	$2 50
5 to 6 feet	75	7 00

var. fl. pl. rosea. DOUBLE PINK DEUTZIA. Exquisite flowers of double rosette shape, tinged with soft pink. A strong and vigorous-growing sort.

	EACH	DOZ.
2 to 3 feet	$0 35	$2 50
5 to 6 feet	75	7 00

var. Pride of Rochester. A choice new sort that excels in vigor, size of flowers, length of panicles and freedom of bloom. The flowers are double, white, tinged outside with pink, and open a week earlier than those of other sorts.

	EACH	DOZ.
2 to 3 feet	$0 35	$2 50
4 feet	50	5 00

Deutzia gracilis. DWARF DEUTZIA. The beauty of the family and one of the best shrubs in our entire list. It forms a low, round bush, covered in early summer with the most graceful wreaths of pure white single flowers. Used for forcing, pot culture and Easter decoration as well as outdoor planting.

	EACH	DOZ.
9 to 12 inches	$0 25	$1 50
12 to 18 inches	35	2 50

D. hybrida Lemoinei. A new and elegant cross from *D. gracilis*, as dwarf and free-flowering, but of more upright growth and considered by some to be even finer for forcing. 1 to 2 feet, 35 cts. each, $2 50 per doz.

D. scabra. ROUGH-LEAVED DEUTZIA. Very vigorous; flowers white, single, bell-shaped, in small bunches. One of the tallest-growing sorts.

	EACH	DOZ.
2 to 3 feet	$0 35	$2.50
3 to 4 feet	40	3 50

D. Watererii. Beautiful pink, single flowers. 1 to 2 feet, 25 cts. each, $2.50 per doz.

D. Wellsi. Flowers white, double.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 50
3 to 4 feet	50	5 00

Forsythia · The Golden Bells

These are our best very early-flowering shrubs. Before any tree or shrub shows a leaf they burst into glorious masses of golden yellow drooping flowers that are exceedingly cheery and welcome at that season. All are of medium size, entirely hardy and will grow anywhere.

Forsythia Fortunei. FORTUNE'S FORSYTHIA. A handsome variety that is a strong, erect grower. Its foliage is a rich, glossy green, and in April the yellow flowers wreathe its branches.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	35	3 00

F. folia variegata is the Viridissima with variegated foliage. 1 to 2 ft, 35c. each, $3 per doz.

F. intermedia resembles Fortunei, but has narrower leaves of very bright fall colors. 2 to 3 feet, 35 cts. each, $3 per doz.

Forsythia suspensa has long, arching branches, and is sometimes used for covering arches and trellises.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
4 to 5 feet	50	5 00

F. viridissima grows upright, has deep green bark and leaves and deep yellow flowers. It is one of the very finest of all and most generally known.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	35	3 00
4 to 4½ feet, very bushy	50	5 00

Write for special prices on shrubs by the hundred

Hibiscus Syriacus · The Altheas

Also called Rose of Sharon. The Altheas bloom profusely in late summer—an almost flowerless time—and landscape gardeners naturally make free use of them. Their rich variety of color makes it possible to use them in large quantities even in small areas. They are very hardy, easy to grow in all soils, and bloom until growth stops in late fall. Grown in standard form, they make handsome specimens, attaining a height of 10 to 15 feet; planted thickly, they make beautiful flowering screens or hedges. Prune in winter.

Totus albus simplex. Large, single, pure white flowers; very fine. Dwarf habit. 1½ to 2 feet, 35 cts.

Folia variegata. A conspicuous variegated-leaved variety. Double purple flowers; one of the finest variegated shrubs. 1½ to 2 feet, 35 cts. each, $3 per doz.

Varieties of Double Altheas

	EACH	DOZ.	100
2 to 3 feet	$0 35	$3 00	$20 00
3 to 4 feet	40	4 00	30 00
4 to 6 feet	60	6 00	
6 to 8 feet	75	8 00	

Alba plena. White, with reddish center.

Amaranthus. Reddish purple.

Amplissima. Rosy red; early bloomer.

Ardens. Purplish blue; free bloomer.

Boule de Feu. Very double, large, well-formed red flowers.

Carnea plena. Flesh color.

Comte de Haimont. Delicate pink.

Duchesse de Brabant. Large, with reddish lilac flowers; free-blooming.

Duc de Brabant. Similar to above; dark rose.

Duke de Bretegne. White, shaded rose, nearly pink; leaves more cut than other sorts.

Double Rouge. Very double; dark red flowers.

Elegantissima plena. White, shaded with rose.

Grandiflora superba. White, shaded to pink and carmine.

Joan of Arc. Pure white; should be in every collection.

Lady Stanley. One of the finest variegated sorts.

Lutiola plena. New dwarf; pure white flowers; early bloomer.

Monstrosa. Very large, white flowers.

Pæoniflora plena. White, with cherry-red center. Very floriferous.

Speciosa plena. Rosy pink; very fine.

Van Houttei Flowers white, shaded rose; free-blooming.

Unnamed Varieties

We offer a lare quantity of unnamed, vigorous, bushy plants of good assorted colors. Purple and White, either single or double-flowering. Red, double-flowering only.

FLOWERS OF ALTHEAS

The Hydrangeas

The half-hardy Hortensis and its varieties have long been popular for garden and conservatory use, and now for the even showier hardy species there is quite a rage. At Newport these are used in great quantities for bedding, and pruned to the ground every winter. Treated in this way the flower-heads are larger and finer. The Hortensis varieties should be given protection in winter.

HYDRANGEA PANICULATA GRANDIFLORA, AT GLENWOOD

Hydrangea arborescens. White flowers borne in flat corymbs. Desirable for shady places. 2 to 2½ feet, 35 cts. each, $3 per doz.

H. hortensis GARDEN HYDRANGEA. Flower-heads large, showy, pink or blue, according to the treatment. Hardy with slight protection. This and its varieties are favorites for Easter forcing and growing in tubs for porch decoration. 50 cts. each, $4.50 per doz.

var. Otaksa. Dwarf, vigorous; produces huge pink flower-clusters when young. 50 cts. each, $4.50 per doz.

var. Thomas Hogg. A neat dwarf, with enormous round white corymbs. A superb pot-plant. 50 cts. each, $4.50 per doz.

var. Mariesi (new). Broad leaves; very large pink flowers. 50 cts. each, $4.50 per doz.

H. paniculata. Flowers not as large as Grandiflora, though bush is more symmetrical. 1½ to 2 feet, 25 cts. each, $2.50 per doz.

var. grandiflora. GREAT-PANICLED HYDRANGEA. The most popular and widely planted of all shrubs. Showy, blooming during an almost flowerless season; hardy in the most exposed situations. The white flower-panicles are often a foot long. The bloom lasts until autumn, when the flowers change to shades of pink. To produce best effects it should be planted in masses or with a background of other shrubbery.

	EACH	DOZ.	100
2 to 3 feet	$0 35	$2 50	$15 00
3 to 4 feet	50	4 50	25 00

Hydrangea paniculata grandiflora, Tree Form. Trained to standard form.

	EACH	DOZ.	100
3 to 3½ feet	$0 50	$4 00	$25 00
4 to 5 feet	75	7 00	40 00

H. quercifolia. OAK-LEAVED HYDRANGEA. Large leaves, shaped like an oak's, very bright in fall. Flowers white, in loose spikes. 50c. each, $4.50 per doz.

H. radiata. Native sort; valued mostly for the foliage. Flowers white, in flat heads. 2 to 3 feet, 35 cts. each, $3 per doz.

☞ The annual loss of trees and shrubs would be greatly lessened if they were protected as much as possible while out of the ground. The exposure of the roots of some kinds of trees to a severe drying wind or a hot sun for an hour is sure death to them.

Ligustrum · The Privets

These ideal hedge plants have such an array of good points that we can no longer spare them for hedges alone. They are hardy, nearly evergreen, grow freely in all soils, have a dense neat habit, and bloom profusely. The flowers are white, fragrant, and borne in graceful racemes or clusters through June and July. The fruits, too, are often quite showy, and the leaves are glossy.

Ligustrum Amurense. AMOOR PRIVET. This variety is of more slender growth than the common Privet. The foliage is a light green color, which it retains late in the winter.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 00
3 to 4 feet	40	3 50

L. Japonicum variegatum. VARIEGATED-LEAVED PRIVET. Has beautiful leaves of glaucous green, margined with white. 1 to 2 feet, 35 cts. each, $3 per doz.

L. meadia. A favorite flowering shrub with deep green leaves and creamy white flower-clusters that are very fragrant and followed by shining black berries.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 00
2 to 3 feet	40	3 50

L. ovalifolium. CALIFORNIA PRIVET. An almost evergreen species of much beauty. It forms an elegant hedge plant, and is quite as fine for groups or specimens. See also Hedge Plants.

	EACH	DOZ.	100	1,000
1½ feet	$0 10	$1 00	$3 00	$20 00
1½ to 2 feet	15	1 50	4 00	25 00
2 to 2½ feet	20	1 75	5 00	30 00

Ligustrum ovalifolium, continued

	EACH	DOZ.	100	1,000
2 years, 2 to 2½ ft.	$0 25	$2 00	$8 00	$50 00
2 years, 2½ to 3 feet	30	2 50	10 00	65 00
3 to 4 feet	35	3 00	12 00	80 00

We offer STANDARD TREE-SHAPED SPECIMENS for terrace, porch and hall decorations. When properly trimmed they resemble Bay Trees.

	EACH	DOZ.
1 year, 3 to 4 feet	$0 50	$5 00

3 and 4 yrs., large heads, 5 to 7 ft. $3 to $5 each.

L. Regelianum. Low, dense shrub, with almost horizontally spreading branches with oblong leaves. A compact weeping form of *L. Ibota.* 2 to 3 feet, 35 cts. each, $2.50 per doz.

L. Sinensis. A graceful, airy variety, with drooping branches and small leaves. Bears a profusion of spike-like flowers; very showy.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
5 to 6 feet	75	7 00

L. vulgare. A European variety. Small, dark green leaves; spikes of white flowers in June. Valuable either for groups or hedges. 3 to 4 feet., 35 cts. each, $3 per doz.

Lonicera · Bush Honeysuckles

These are tall shrubs of upright, moderate growth, valuable for their profusion of red, white or pink flowers and their crops of rich red or yellow berries. They are among the most attractive of our early-blooming shrubs.

Lonicera fragrantissima. Valued for the exceeding fragrance of the small cream-colored flowers, which wreathe its stems in early April and continue a long time. This variety is almost an evergreen.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
4 to 6 feet	50	

L. grandiflora rosea. A beautiful vigorous shrub, bearing bright red flowers striped with white. 2 to 3 feet, 35 cts. each, $3.50 per doz.

L. Morrowi. Blooms lavishly in May and June, and bears a showy crop of bright crimson fruits in autumn. Flowers creamy white.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	4 50

Lonicera Tatarica. TARTARIAN HONEYSUCKLE. This delightful old variety makes a graceful, luxuriant growth, crowds its branches with pretty pink flowers in May and again with orange-colored berries in fall. 2 to 3 feet, 35 cts. each, $3.50 per doz.

var. alba. WHITE TARTARIAN HONEYSUCKLE. Has handsome white flowers, bright berries, and groups finely with the other species. 2 to 3 feet, 35 cts. each, $3.50 per doz.

L. xylosteum. ENGLISH FLY HONEYSUCKLE. A large bush that scents the air with very fragrant, small, pinkish yellow flowers early in spring.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	4 50

Philadelphus · Mock Orange or Syringa

These shrubs bloom in June with the Weigelas and last a little longer. They are hardy, robust, have handsome leaves and large, clustered, milk-white flowers, that in some cases are very fragrant. The tall species flower profusely, and nothing is finer in their season. The dwarf varieties do not bloom so much, but are pretty and compact little shrubs, valuable for their bright leaves or for extending the season.

Philadelphus Billardii. Late-flowering and desirable. 2 to 3 feet, 35 cts. each, $3.50 per doz.

P. cordifolius. CORDATE-LEAVED MOCK ORANGE. Tall, vigorous, handsome.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	4 50

P. coronarius. GARLAND SYRINGA. Pure white, fragrant flowers borne in midsummer. 2 feet, 25 cts. each, $2.50 per doz.

var. Kettlerii fl. pl. DOUBLE SYRINGA. Flowers double, white, fragrant. 2 feet, 35 cts. each, $3 50 per doz.

P. deutziæflora fl. pl. Dwarf, with double flowers of deutzia shape. 1 to 1½ feet, 25 cts. each, $2.50 per doz.

P. foliis aureis. GOLDEN MOCK ORANGE. Bright golden leaves, color constant through summer. 35 cts. each, $3.50 per doz.

P. grandiflora. LARGE-FLOWERING SYRINGA. A large shrub, with recurved branches laden with large, showy flowers, slightly fragrant.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	50	4 50

P. inodorus. SCENTLESS MOCK ORANGE. A vigorous shrub, of drooping habit.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	

P., Mt. Blanc. New; upright grower, with large, showy white flowers; fragrant. 1 to 2 feet, 50 cts. each, $4.50 per doz.

P. Nepalensis. Similar to *P. grandiflora*, blooming later. 1 to 2 feet, 25 cts. each, $2.50 per doz.

PHILADELPHUS

Philadelphus nivalis, continued

Philadelphus nivalis. Delicate white flowers whose stamens are a pale cream color. 1 to 2 feet, 25 cts. each, $2.50 per doz.

P. Zeherii. Flowers abundantly and is showy. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Prunus · Flowering Plums and Almonds

In this group are classed very different sorts of shrubs, of much beauty, and very desirable for specimen planting or for grouping. They should be frequently trimmed. See trees, page 36.

Prunus Japonica alba fl. pl. DWARF WHITE-FLOWERING ALMOND (*Amygdalus*). Is covered with double white flowers in May. 35 cts. each, $3 per doz.

Prunus Japonica alba, var. rosea fl. pl. DWARF PINK-FLOWERING ALMOND. Double, flowers closely set. 35 cts. each, $3 per doz.

var. rubra. Double red. 1 to 2 ft., 35c. each.

The Spireas

Some members of this great group are in bloom nearly all the season. All forms have a riotous extravagance of bloom that makes them very striking, and they are so different in flower, leaf and growth that monotony from planting too many kinds is impossible. They are hardy and easily grown in all situations. Desirable for groups, specimens, borders, and screens.

Spiræa ariæfolia. An elegant species of dense bushy habit. Producing greenish white blossoms which entirely cover the plant. 1 to 2 feet, 25 cts. each, $2.50 per doz.

S. arguta. Dwarf; flowers clear white; blooms thickly all along its branches in early May. 1 to 2 feet, 25 cts. each, $2.50 per doz.

S. argentea. Of strong, upright growth, wreathed with large panicles of flesh-pink flowers. 2 to 3 feet, 35 cts. each, $3 per doz.

S. Billardii. Bears pretty spikes of pink flowers nearly all summer. Strong-growing. 3 to 4 feet, 35 cts. each, $3.50 per doz.

var. alba. White flowers; otherwise like the species above. 3 to 4 feet, 35 cts. each, $3.50 per doz.

S. Blumei. Of strong, irregular growth; valuable for the lateness and abundance of its white flowers. 3 to 4 feet, 35 cts. each, $3.50 per doz.

S. Bumaldi. A valuable Japanese dwarf, of distinct, dense, vigorous growth, suitable for bedding, edging shrubbery or house foundations. Its flat corymbs of rosy pink flowers are plentiful from June until frost.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 50
2 to 3 feet	35	3 50

var. Anthony Waterer. A new form of even finer habit, with larger, darker crimson flower-corymbs, produced quite abundantly. One of our finest shrubs. 12 to 18 inches, 25 cts. each, $2.50 per doz.

S. callosa. FORTUNE'S PINK SPIREA. Bears pink flowers, in large, flat clusters nearly all summer. 2 to 3 feet, 25 cts. each, $2 per doz.

var. alba. FORTUNE'S WHITE SPIREA. Dwarfer, with white flowers of the same type and season. 2 to 3 ft., 25c. each, $2.50 per doz.

S. Douglasi. DOUGLAS' SPIREA. Flowers of a beautiful rose-color, massed on long spikes in July and August. 1 to 2 feet, 25 cts. each, $2 per doz.

S. opulifolia. NINE-BARK. Strong in growth and large in leaf; flower heads flat, white in early June.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	50	4 50

Spiræa opulifolia, var. aurea. Like the type except that it has bright yellow foliage that is exceedingly pretty for contrasts. An effective large shrub for lawns.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	50	4 50

S. prunifolia fl. pl. BRIDAL WREATH. Carries its clear white, double flowers in thick wreaths along leafless wand-like branches, giving a solid white effect in May. The small glossy leaves appear later and color to rich red in fall. One of the best and earliest blooming kinds. 1 to 2 feet, 25 cts. each, $2.50 per doz.

S. Reevesii (*S. lanceolata*). The single white flowers appear in large, round clusters in early May, bending the branches gracefully and covering them completely.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	35	3 50

var. fl. pl. Double flowers that open a few days later. Both sorts are compact and slender-twigged.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	35	3 50

S. salicifolia. WILLOW-LEAVED SPIREA. A free-growing native species, with crowded panicles of white or pink flowers in June and July. 3 to 4 ft., 35c. each, $3.50 per doz.

S. Thunbergii. THUNBERG'S SPIREA. A desirable species of delicate beauty at all seasons; a native of China. Its fluffy masses of small white flowers appear in April and May; in autumn its narrow leaves color to bright red and orange.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	4 50

S. tomentosa. Native of New England. Flowers in close, short racemes of bright rose color in July. 2 to 3 feet, 35 cts. each, $3.50 per doz.

S. Van Houttei. VAN HOUTTE'S SPIREA. By many landscape gardeners this is given first place in the whole category of shrubs. Its dense drifts of white flower-wreaths are singularly graceful and its autumn foliage is bright.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	35	3 50

Syringa · The Lilacs

The older types of Lilacs still hold their place among our choicest shrubs, but the new forms into which they are continually breaking are finer still. They are more fragrant, bloom more freely, are more robust, have larger flowers in longer plumes and in a multitude of exquisite new shades, and yet are just as easy to grow anywhere as the older ones. Planted in a large group, the collection we offer below will give flowers in all the colors and intermediate shades for two months or more. The Japan Tree Lilac will extend the season several weeks later.

Syringa Abel Carriere. Large, double blue flowers with reverse side of petal a fine rose color. 1 to 2 feet, 35 cts. each, $3 per doz.

S. Alphonse Lavalle. Double; large panicles of beautiful blue shaded violet flowers. 3 to 4 feet, 50 cts. each, $5 per doz.

S. Belle de Nancy. Very large, double, brilliant satiny rose, shaded white toward center. 3 to 4 feet, 50 cts. each, $5 per doz.

S. Charles X. Of strong, fine growth, with handsome leaves; trusses large, rather loose, reddish purple. 50 cts. each, $5 per doz.

S. Frau Dammann. Medium size, single, pure white; flowers borne in very large panicles. 3 to 4 feet, 50 cts. each, $5 per doz.

S. insignis rubra. Rosy purple flowers, dark red in the bud. One of the finest. 50 cts. each, $5 per doz.

S. Japonica. JAPAN TREE LILAC. This Japanese species forms a tree 20 to 30 feet high and blooms a month later than other Lilacs. The leaves are large, leathery and dark; the flower-plumes 18 to 20 inches long, white, showy, scentless, carried erect above the foliage.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
4 to 5 feet	75	7 00

S. Josikæa. JOSIKA'S LILAC. This choice species is also of tree-like growth and blooms late. The flowers are lilac-purple, the foliage handsome. 2 to 3 feet, 35 cts. each, $3.50 per doz.

S. Ludwig Spathe. Large, single, dark purplish red flowers in long panicles. 2 to 3 feet, 50 cts. each, $5 per doz.

S. Marie Legraye. Superb creamy white flower-plumes of great size; bush dwarf. Extra choice and valuable for forcing. 2 to 3 feet, 50 cts. each, $5 per doz.

S. Mme. Abel Chatenay. Very large, double white flowers; large panicles. 3 to 4 feet, 50 cts. each, $4.50 per doz.

S persica alba. WHITE PERSIAN LILAC. Delicate white fragrant flowers, shaded with purple. Rare. 2 feet, 35 cts. each, $3.50 per doz.

MARIE LEGRAYE

Syringa President Grevy. Individual flowers very large and double; a beautiful blue in color. The panicles sometimes measure more than 11 inches across. 3 to 4 feet, 50 cts. each, $5 per doz.

S. Rubra de Marley. DE MARLEY'S RED LILAC. Rich rosy purple flowers in large clusters and in great abundance.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	4 50

S. Rothomagensis. ROUEN LILAC. A distinct hybrid variety of great beauty. It has superb reddish flower-plumes in great abundance. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Syringa alba. Similar to the preceding, with pale lilac flowers almost white. 50 cts.

Senateur Volland. Double rosy red flowers. 3 to 4 feet, 50 cts. each, $5 per doz.

var. virginalis. BLANCHE VIRGINALE. A fine white variety similar to Marie Legraye. 2 to 3 feet, 50 cts. each, $5 per doz.

S. vulgaris. COMMON LILAC. The fine old purple species. 2 to 3 ft., 35c. each, $3.50 per doz.

var. alba. Fragrant white flowers. 2 to 3 feet, 35 cts. each, $3.50 per doz.

VIBURNUM OPULUS

Viburnum · The Snowballs

Masses of Snowballs give for spring the same showy effect produced by hydrangeas in fall. They are all large, hardy, quick-growing shrubs, valuable for screens, groups and specimens. The more showy species carry their flowers in great white balls.

Viburnum dentatum. ARROW-WOOD. An upright shrub. The flowers are white, in flat cymes; crimson fruit turning to black. 1½ to 2 feet, 25 cts. each, $2 per doz.

V. Lantana. WAYFARING TREE. The large white flower-clusters open in May and are followed by red fruits. Has peculiar soft, heavy foliage. 2½ to 4 feet, 35 cts. each, $3 per doz.

V. Lentago. SHEEP-BERRY. Strong-growing shrub with light green, glossy foliage and creamy white fragrant flowers, followed by bluish black fruit. 1 foot, 25 cts. each, $2.25 per doz.

V. molle. A later blooming species very similar to Dentatum, with larger foliage and fruit. 1 to 2 feet, 25 cts. each, $2.50 per doz.

V. Opulus. CRANBERRY TREE. The common name is from the fine red berries which follow its handsome, white midsummer flowers.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
3 to 4 feet	50	4 00

var. sterilis. GUELDER ROSE. The beautiful old sort so generally esteemed. 2 to 3 feet, 35 cts. each, $3 per doz.

V. plicatum. JAPAN SNOWBALL. The good points of this valuable sort are not yet generally known. It is of better habit than the old, with handsomer foliage, whiter flowers, and more compactly and delicately formed.

	EACH	DOZ.
1 to 2 feet	$0 35	$3 00
2 to 3 feet	50	4 00

Viburnum tomentosum. The single form of the Japan Snowball. Dwarfer, with sterile white flowers in flat cymes early in June. A fine shrub.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	50	5 00

VIBURNUM LENTAGO

The Weigelas

Sometimes also classed as DIERVILLAS. These shrubs bloom after the lilacs, in May and June. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shape with age. Their large flowers are of wide trumpet-shape, of all colors from white to red, and borne in clusters thickly all along their branches. Used for borders, groups, immediate effects and low screens.

Weigela candida. A new, valuable sort that bears large white flowers profusely in June and continues blooming sparingly until fall.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 50

W. Conquete. New; flowers of enormous size and a deep rose color. 1 to 2 feet, 35 cts. each, $3.50 per doz.

W. Eva Rathke. Vigorous grower; flowers large, of crimson color. 2 to 3 feet, 35 cts. each, $3.50 per doz.

W. hortensis nivea. Dwarf and frequent blooming; flowers pure white. 2 to 3 feet, 50 cts. each, $5 per doz.

var. rubra. From red buds the flowers shade to a light pink when open.

	EACH	DOZ.
1 to 2 feet	$0 35	$3 00
3 to 4 feet	50	5 00

W. Lavallei. Dark reddish purple flowers that last a long time.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
5 to 6 feet	50	5 00

W. Steltzneri. Dark red flowers, borne thickly along the branches. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Weigela Symondsii. Rose and white flowers, beautifully contrasted.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
5 to 6 feet	50	5 00

W. Van Houttei. Deep crimson flowers, covering the plant completely.

	EACH	DOZ.
1 to 2 feet	$0 35	$3 50
3 to 4 feet	50	4 50

W. rosea. Bears beautiful rose-colored flowers in June.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	50	4 50

var. amabilis. Attractive large pink flowers; blooms in autumn also. 2 to 3 feet, 35 cts. each, $3 per doz.

var. Desboisi. Deep rose-colored flowers, darker than *W. rosea's.* 2 to 3 feet, 35 cts. each, $3 per doz.

var. nana variegata. DWARF VARIEGATED WEIGELA. Dwarf, with clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose and pink. Effective and useful. One of the most ornamental variegated-leaved shrubs.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
3 to 4 feet	50	4 00

Hardy Shrubs for General Planting

ALTHÆAS. See *Hibiscus Syriacus*, in Important Groups of Shrubs, page 44.

AMORPHA canescens. LEAD PLANT. Free-flowering, dense habit, pinnate foliage, blue flowers borne in dense terminal panicles. 1 foot, 25 cts. each, $2.25 per doz.

A. fruticosa. INDIGO BUSH. This large shrub has dense terminal panicles of pretty odd and attractive bluish purple flowers in July. 3 to 4 feet, 35 cts. each, $3 per doz.

AMYGDALUS. FLOWERING ALMOND. See Prunus, page 47.

ANDROMEDA Mariana. LILY-OF-THE-VALLEY SHRUB. Of neat, low growth, hardy and free-blooming in any situation, bearing its lovely drooping white flowers profusely in great panicles. Deserves wide culture. 1 to 2 feet, 50 cts. each, $5 per doz.

ARALIA pentaphylla. A pretty shrub from Japan, of medium size and rapid growth. Branches furnished with spines; palmate leaves of pale green are five-lobed. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

AZALEAS. A special list is given on page 20.

BACCHARIS halimifolia. SALT SHRUB. Valued for its showy white seed-vessels, which give a flower-like effect in fall. The bark and foliage are dark green, the flowers inconspicuous. Fine for seashore planting. Also called GROUNDSEL TREE.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	35	3 10

BENZOIN odoriferum. SPICE BUSH. A vigorous-growing shrub that is especially admired on account of its bright green foliage, which turns a brilliant yellow in the fall. 3 to 4½ feet, 75 cts.

CALLICARPA purpurea. Used largely for producing fine effects in fall, when its long shoots thickly strung with violet-purple berries are a grand sight. Flowers small, light purple. 2 to 3 feet, 35 cts. each, $3 per doz.

CALYCANTHUS floridus. SWEET SHRUB. The oddly formed, double flowers are a rare chocolate color and have a peculiar agreeable odor. They are borne in the axils of the leaves all along the branches in June. A common shrub in old gardens.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 00

CARAGANA arborescens. SIBERIAN PEA TREE. Forms a large shrub, with bright yellow pea-shaped flowers and graceful pinnate leaves. 2 to 3 feet, 35 cts. each, $3 per doz.

CARYOPTERIS mastacanthus. BLUE SPIREA. A neat, compact, new sort, with large, fragrant blue flower-clusters that keep crowding up plentifully from the axils of the leaves, from midsummer until frost. If killed to the ground by frost the young shoots spring up freely and flower the first season. Gives fine effects when bedded. 1 foot, 25 cts. each, $2.25 per doz.

CEPHALANTHUS occidentalis. BUTTON BUSH. Tall-growing native shrub, with globular heads of white flowers. 2 to 3 feet, 35 cts. each, $3 per doz.

CHIONANTHUS Virginica. WHITE FRINGE TREE. A large shrub or small tree, with large, heavy leaves almost hidden in spring by a thick mist of fragrant, drooping white flowers. When planted against evergreens it is one of our very choicest lawn ornaments.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
3 to 4 feet	50	4 50

CLETHRA alnifolia. PEPPER BUSH. Of dwarf, dense growth, producing abundant slender spikes of very fragrant white flowers for two months of midsummer, when they are most needed. The spicy fragrance from a good mass of it is delightful. 1 to 2 feet, 25 cts. each, $2.25 per doz.

COLUTEA arborescens. BLADDER SENNA. A large shrub, with small foliage and yellow, pea-shaped blossoms in June. The red seed-pods are curiously inflated. Useful in large shrubberies. 3 to 4 ft., 35c. each, $3 per doz.

COTONEASTER microphylla. Low, prostrate shrub, densely branched; shining narrow leaves, white flowers in May and June followed by bright red fruit. 1 to 2 feet, 25 cts. each, $2 25 per doz.

CORYLUS Avellana. Shrub attaining a height of 15 feet; leaves roundish oval, deeply and irregularly incised; nut roundish oval.

	EACH	DOZ.
5 to 6 feet	$0 50	$4 50
6 to 8 feet	75	7 50

C. Avellana purpurea. PURPLE-LEAVED FILBERT. A handsome shrub for grouping. The large leaves are rich purple. Distinct and fine. 1 to 2 feet, 35 cts. each, $3 per doz.

CYDONIA Japonica. JAPAN QUINCE. Sometimes classed as *Pyrus Japonica.* In early spring this fine old shrub is completely covered with dazzling scarlet flowers. Seen against dark evergreen groups and hedges it is particularly striking. Grown as a hedge it is very brilliant when in bloom, and its stout thorns form a good defense. We offer seedling-grown plants which vary into white or pink flowers.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 00

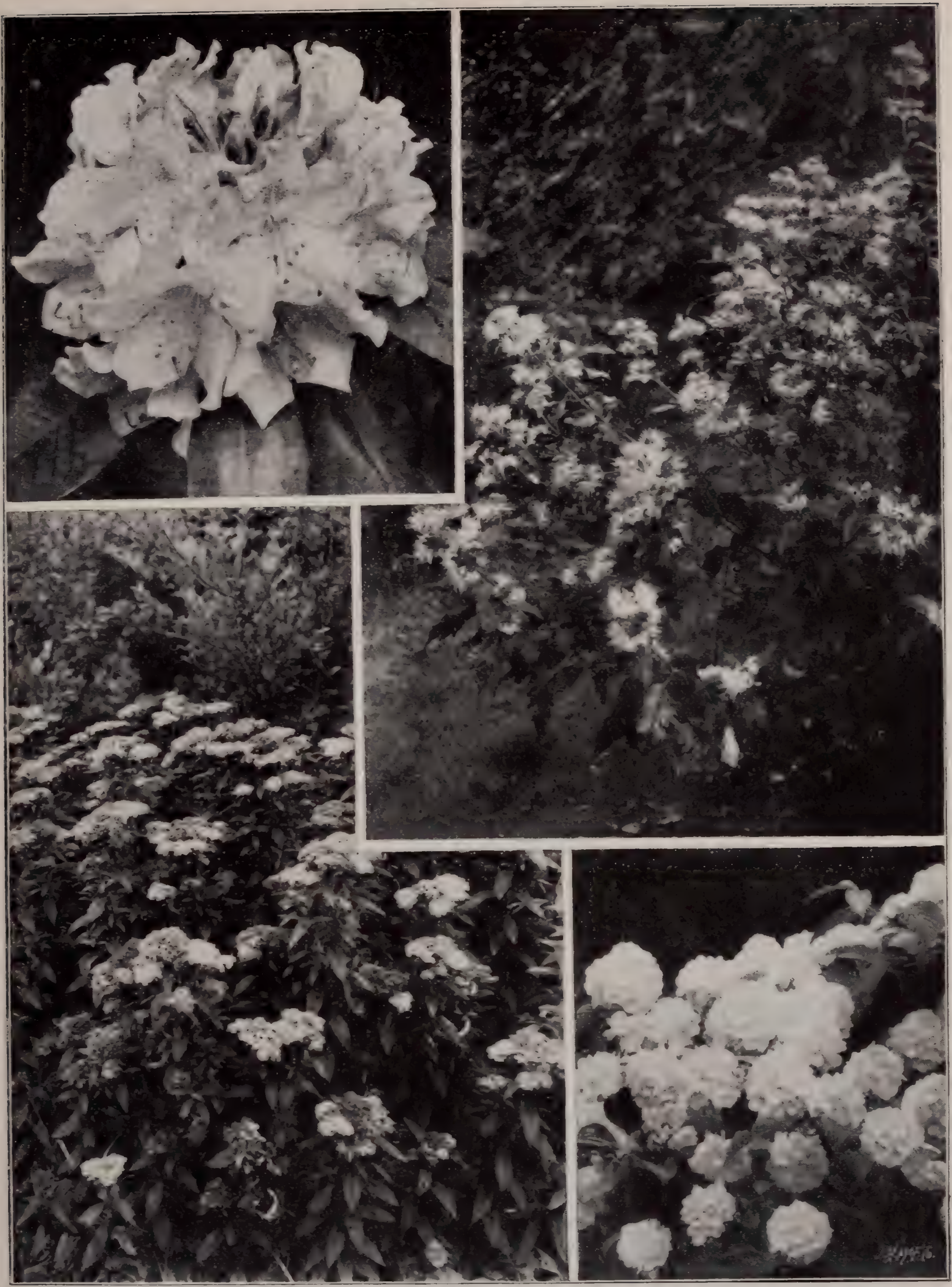
DIERVILLA. See Weigela, page 51.

ELÆAGNUS angustifolia, or Hortensis. Large-growing shrub with very effective silvery foliage. Very desirable for seashore planting. 3 to 4 feet, 50 cts. each, $4.50 per doz.

E. longipes. SILVER THORN. A popular Japanese shrub of dense, low growth, belonging to the Olive family. Its leaves are silvery, its flowers yellow, hanging in wreaths along the branches and followed by a thick, brilliant fruitage of scarlet berries in July that are edible as well as exceedingly ornamental. 1 to 2 feet, 25 cts. each, $2.25 per doz.

E. umbellata. Similar to the Longipes, except it has small amber berries ripening in the fall. 2 to 3 feet, 35 cts. each, $3 per doz.

EUONYMUS. THE BURNING BUSHES. These are large shrubs, of fine habit, quite hardy and valuable for grouping against evergreens, where their brilliant fruits will show finest. Their young shoots are dark, polished green; their leaves color to bright scarlet in the fall, and no shrub that we grow has such showy, curious fruits. They are large, dark crimson, four- to five-hooded seed-vessels that burst as they ripen, revealing orange-scarlet seed-arils clinging to the white lining.



FLOWER OF HYBRID RHODODENDRON (page 22)
SPIREA, ANTHONY WATERER (see page 48)

CARYOPTERIS MASTACANTHUS (see page 52)
FLOWERS OF VIBURNUM PLICATUM (see page 50)

Euonymus Europæus is the European Burning Bush, or Strawberry Tree, that droops with its heavy crop of large fruits in autumn.

	EACH	DOZ.
2 to 3 feet..........	$0 25	$2 25
3 to 4 feet..........	35	3 00

E. nanus is a pretty dwarf species, with narrow leaves that turn purple in fall, when its fruits are red. 1 to 2 feet, 35c. each, $3 per doz.

E. alatus. Winged Euonymus. A curious new shrub with a wing-like extension down the stem between the leaves. Lower side of stem covered with clusters of scarlet berries. Exquisite autumnal coloring.

	EACH	DOZ.
1 to 2 feet..........	$0 50	$4 50
2 to 3 feet..........	1 00	10 00

EXOCHORDA grandiflora. Pearl Bush. A rare Japanese shrub of singular grace and beauty. In June its slender, wiry stems bend with their weight of pearl-like buds and flowers into airy garlands of delicate white and green.

	EACH	DOZ.
2 to 3 feet..........	$0 35	$3 00
3 to 5 feet..........	50	4 50

HALESIA diptera. A southern species with white flowers, blooming early in June. Hardy as far north as Philadelphia. 4 feet, 50 cts. each, $5 per doz.

H. tetraptera. Silver Bell. This is usually grown in bush form, but becomes quite a fine little tree when given room to develop. In the old Bartram Garden, Philadelphia, are some fine specimens of this sort that attract crowds every spring. Early in the season, while the leaves are yet small, the branches are almost hidden by thick fascicles of white, drooping bells. The large four-winged seeds are also curious and attractive. 2 feet, 35 cts. each, $3.50 per doz.

HAMAMELIS Virginica. Witch Hazel. Tall shrub; leaves resemble those of the hazel. In late autumn it bears yellow flowers just before the leaves are about to fall.

	EACH	DOZ.
2 to 3 feet..........	$0 35	$3 00
3 to 4 feet..........	50	4 50

SPRAY OF FLOWERS OF HAMAMELIS (Witch Hazel)

HIPPOPHAE rhamnoides. Sea Buckthorn. Leaves silvery; flowers yellow, in clusters. 35c.

HYPERICUM. St. John's-Worts. These are very dwarf, almost creeping shrubs, gay with large rich yellow flowers from midsummer until frost. They can be grown in shaded places where few other shrubs will thrive.

H. aureum is one of the finest in flower and foliage. 2 to 3 feet, 35 cts. each, $3 per doz.

H. Moserianum is a newer species of fine habit that flowers most freely and has extra large and brilliant flowers. 1 to 2 feet, 35 cts. each, $3 per doz.

JASMINUM nudiflorum. A slender, medium-sized shrub, often grown as a climber. Its bright yellow flowers are produced along leafless branches very early in spring, or in mild midwinter. 2 to 3 feet, 35 cts. each, $3 per doz. See also page 61.

KERRIA. The Globe Flowers. Fine old shrubs with bright green bark and large, double yellow flowers from May to September. They are valuable for specimens or massing. Sometimes classed as Corchorus.

K. Japonica. Double-flowered Corchorus. The deep orange-colored, double flowers first appear in May, and a succession of bloom is continued through the summer. A desirable shrub for massing.

	EACH	DOZ.
2 to 3 feet..........	$0 35	$3 00
3 to 4 feet..........	50	4 50

K. variegata is one of the prettiest and most valuable dwarf shrubs for groups, margins, etc. 2 to 3 feet, 35 cts. each, $3 per doz.

K. Simplex. Single form of *Kerria Japonica*. 2 to 3 feet, 35 cts. each, $3 per doz.

PYRUS Japonica. See Cydonia, page 52.

PRINOS verticillatus. Deciduous Holly. A beautiful plant when full of its red berries in autumn. 1 to 2 feet, 25 cts. each, $2.25 per doz.

PÆONIA Moutan. TREE PEONIES. These striking low shrubs of the old-fashioned gardens are again quite popular. They are hardy, grow slowly, and bear enormous double flowers of various bright colors in May. They are used for beds, borders and margins of groups. Their flowers are much finer when given rich soil. 75 cts. each, $8 per doz.

RHAMNUS catharticus. BUCKTHORN. Dark green foliage, white flowers and small, black fruit.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 00
4 to 6 feet	50	4 50

RHODOTYPUS kerrioides. WHITE KERRIA. A good new shrub that begins blooming in May and blooms all summer. It has large, single white flowers at the tip of each shoot, and these are followed by black seeds.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 25
3 to 4 feet	35	3 00

RHUS Cotinus, the SMOKE TREE, is quite different from the other varieties of Rhus. In midsummer its curious, filmy flowers envelop the tree in a thick mist that is especially pretty among evergreens.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	50	4 50

RIBES. THE FLOWERING CURRANTS. Much prized for their wealth of bright flowers in early spring and their pervading and delightful spicy odor. They are exceedingly hardy.

R. aureum is our beautiful yellow-flowered native species. 2 to 3 feet, 35 cts. each, $3 per doz.

R. Gordonianum. GORDON'S CURRANT. A hardy and profuse blooming shrub; crimson and yellow flowers borne in pendent bunches. 1 to 2 feet, 35 cts. each, $3 per doz.

ROBINIA hispida. ROSE ACACIA. A valuable shrub, bearing clusters of rose-colored flowers; the branches resemble those of a moss rose. Excellent for planting in large masses. Top-grafted plants, 3 to 4 feet, 75 cts. each, $8 per doz.

SAMBUCUS. THE ELDERS. These are much in demand for their beautiful leaves. The flowers and fruits, also, are showy and attractive. They grow well anywhere and need pruning to keep them in shape.

S. nigra aurea. GOLDEN ELDER. Has bright leaves of a clear, constant golden yellow, and is valuable for enlivening shrubberies.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
3 to 4 feet	50	4 50

SAMBUCUS nigra variegata. VARIEGATED ELDER. Has leaves quaintly mottled with white and yellow. It is valued for the same uses. 2 to 3 feet, 35 cts. each, $3 per doz.

var. laciniata. CUT-LEAVED ELDER. Has finely dissected leaves. 3 to 4 feet, 50 cts. each, $4 per doz.

SOPHORA Japonica. PAGODA TREE. A shrub of medium size, with light-colored, soft foliage, and racemes of small, bell-shaped cream-colored flowers. It is sometimes grown as a small tree. 2 to 3 feet, 50 cts. $4.50 per doz.

STUARTIA pentagyna. AMERICAN CAMELLIA. An erect shrub, well foliaged, and bearing large, creamy white flowers. 1 to 1½ feet, 35 cts. each, $3 per doz.

STYRAX Japonica. A neat little tree that makes a fine display in June, when hung full of its white bells. Especially valuable for small yards.

	EACH	DOZ.
2 to 3 feet, untrimmed	$0 50	$4 50
3 to 4 feet, untrimmed	75	7 50

STAPHYLEA colchica. BLADDERNUT. Blooms with the lilac. The flowers are white, very fragrant, borne in clusters; the nuts are curious and attractive.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
3 to 5 feet	50	4 50

STEPHANANDRA flexuosa. Large-growing shrub; leaves of grayish green, very much lobed and serrated. White flowers borne in panicled racemes, in June. 3 feet, 35 cts. each, $3 per doz.

SYMPHORICARPUS. THE WAX BERRIES. Their showy fruits make these small shrubs quite popular for planting in masses. They are hardy bushes, with inconspicuous flowers and bright fruits that cling late.

S. racemosus. SNOWBERRY. Has very large milk-white berries that contrast finely with the currants.

	EACH	DOZ.
1½ to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 00

S. rubra. Similar to above, with red berries. 2 to 3 feet, 35 cts. each, $3 per doz.

S. variegata. Besides its showy red berries, has leaves beautifully marked with yellow.

	EACH	DOZ.
1½ to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 00

Planted together in large groups these Wax Berries give pretty and novel effects.

TAMARIX. The Tamarisks. Shrubs of strong but slender, upright growth, clothed with foliage as light and feathery as the asparagus. Their delicate fringing flowers are usually some warm shade of pink or red. They are quite hardy, and, besides ordinary uses, are valuable for planting near the seaside where few other shrubs will grow.

T. Africana. African Tamarisk. Blooms early in May. 2 to 3 ft., 35c. each, $3 per doz.

T. gallica. Slender, spreading branches, with dull bluish green foliage, white or pinkish flowers borne in slender panicled racemes.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 00

T. Indica blooms in late summer.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 00
4 to 6 feet	50	5 00

T. Odessana. Upright shrub with pink flowers, borne on slender racemes; July to September. 3 to 4 feet, 50 cts. each, $5 per doz.

T. tetrandra purpurea is a mass of purplish pink flowers in June and July. 3 to 4 feet, 50 cts. each, $5 per doz.

XANTHOCERAS sorbifolia. Large-growing, upright shrub, with dark green leaves, and sharply serrated white flowers blotched at the base with yellow and red, borne in slender pedicels. Green fruit. This also makes a charming tree of medium height, if kept trimmed as a standard. 1 to 2 feet, 35 cts. each, $3 per doz.

XANTHORRHIZA apiifolia. Shrub Yellow-Root. Stems of bright yellow; leaves in clusters, lobed; flowers small of dark purple. 1 to 2 feet, 35 cts. each, $3 per doz.

Write for special prices on Shrubs by the hundred.

Ornamental Hedge Plants

In Ornamental Hedge Plants we offer a good variety. We have given this branch of our business much attention, and are prepared to offer all the more desirable sorts. Our plants are strictly graded, according to the measurements given, and well rooted. In planting hedges these roots should be given trenches wide enough to spread them out flat, and good top-soil filled in about them. This last is especially desirable for evergreen hedge plants, or they cannot maintain a good, rich color. Deciduous hedge plants, as a general rule, should be planted from 6 to 12 inches apart; evergreens from 1 to 2 feet apart, according to size. Gardens screened by evergreen hedges or shelter-belts produce vegetables from one to two weeks earlier than those unprotected. Hedges form not only a cheap but an ornamental and enduring fence.

EVERGREEN

PICEA excelsa. Norway Spruce. Makes a very dense, compact hedge. Very desirable for a firm hedge, to take the place of a fence.

	100	1,000
1 to 1½ feet	$15 00	$125 00
1½ to 2 feet, heavy	18 00	175 00
2 to 2½ feet	32 00	300 00
2½ to 3 feet	40 00	375 00
3 to 3½ feet	50 00	475 00

TSUGA Canadensis. Hemlock Spruce. Nothing handsomer for hedges.

	DOZ.	100
10 to 15 inches	$3 00	$20 00
18 to 24 inches	5 00	30 00
2 to 2½ feet, extra heavy	7 00	50 00
2½ to 3 feet, extra heavy	10 00	90 00
3 to 3½ feet, extra heavy	15 00	115 00
3¼ to 4 feet, sheared	20 00	175 00

Our *Tsuga Canadensis* we believe to be unsurpassed either in quality or quantity.

THUYA occidentalis. American Arborvitæ. For screens, hedges or wind-breaks, this is one of our best evergreens. Although a very fast grower, it can be kept trimmed to any height desired.

	100	1,000
1 to 1½ feet	$12 00	$100 00
1½ to 2 feet	15 00	125 00
3 to 3½ feet	50 00	400 00
3½ to 4 feet	65 00	

T. compacta. Dwarf Arborvitæ. Forms a very dense hedge about 3 to 4 feet high. With judicious trimming it can be kept any desired height. Especially adapted for inclosing cemetery plots and small lawns. Keeps in good form with little care.

	100
8 to 10 inches	$12 00
12 to 15 inches	25 00
1 to 2 feet, heavy	50 00

CALIFORNIA PRIVET HEDGE, AND HALL'S HONEYSUCKLE TRAINED AGAINST HOUSE (See page 61)

DECIDUOUS HEDGE PLANTS

BERBERIS Thunbergi. Nothing is finer for low ornamental hedges. Both leaves and berries are bright red in fall.

	100
1 to 1½ feet	$10 00
1½ to 2 feet	15 00

CRATÆGUS Oxyacantha. The THORN used extensively in England for hedge-rows. 2 to 3 feet, $2.50 per doz., $18 per 100.

HIBISCUS Syriacus. ALTHEA. These shrubs can be sheared into any desired shape.

	100
2 to 3 feet	$20 00
3 to 4 feet	25 00
4 to 5 feet	35 00
5 to 6 feet	50 00

LIGUSTRUM ovalifolium. CALIFORNIA PRIVET. While in this latitude it is deciduous, yet it retains its beautiful dark green foliage until very late in winter. It can be kept at any desired height by frequent trimming, and grown successfully under the influence of sea air.

	100	1,000
1 to 1½ feet, bushy	$ 3 00	$20 00
1½ to 2 feet, bushy	4 00	25 00
2 to 2½ feet, bushy	5 00	30 00
2 to 2½ feet, extra bushy	8 00	50 00
2½ to 3 feet, extra bushy	10 00	65 00
3 to 4 feet	12 00	80 00

MACLURA aurantiaca. OSAGE ORANGE. The cheapest hedge plant of all. Makes a strong, durable fence; though not so ornamental as other kinds, yet when it is closely trimmed it is quite attractive.

	1,000
1-year	$4 00
2-year	7 00

RHAMNUS catharticus. BUCKTHORN. A fine, hardy hedge plant of European origin. It has dark green foliage, white flowers and small black fruit.

	100
2 to 3 feet	$12 00
3 to 4 feet	15 00

ROSA rugosa. JAPANESE SWEETBRIER. A perfectly hardy, erect, bushy grower, of handsome, compact form. It has elegant, broad, shining green foliage and continuous clusters of showy red or white single flowers, followed by brilliant red fruits of large size and very attractive. Makes a beautiful ornamental hedge. 12 to 18 inches, $12 per 100.

Fuller description of some of these Hedge plants found under Deciduous and Evergreen Shrubs.

Hardy Garden Roses

The beauty of the Rose is so widely appreciated that the popularity it now enjoys and the demand for hardy garden Roses are annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors the sweet perfume of blooming Roses is a source of constant delight to all who grow them. For garden planting the Hybrid Perpetual Roses are the most vigorous growers, and they flower abundantly in June, with scattered blooms that open even late in the fall. Our assortment of these "Everblooming Roses" has been culled of varieties not found generally hardy and satisfactory, and we have added several new desirable kinds to our collection since last year.

HYBRID PERPETUALS

Strong 2-year-old plants, 40 cts. each, $4 per doz.

Alfred Colomb. Brilliant carmine-crimson; large, gobular.

Anne de Diesbach. Clear bright carmine; large, full, fragrant.

Augustine Guinoisseau. White La France. Large and beautifully formed flowers of pure white, shaded in the center with flesh.

Baron de Bonstetten. Dark velvety red, large, fragrant flowers.

Baroness Rothschild. Rich satiny pink; magnificent.

Boule de Neige. Pure white; free-blooming.

Captain Christy. Very large, double buds of deep flesh color; in bloom all season.

Caroline de Sansal. Pale flesh color, deepening toward the center. A good autumn Rose.

Coquette des Alpes. White, shaded rose.

Coquette des Blanches. Pure white; large, globular.

Earl of Dufferin. Large, full, finely formed; velvety scarlet.

Etoile de Lyon. A splendid rich yellow, beautiful in bud as well as flower.

Fisher Holmes. Rich velvety crimson.

General Jacqueminot. Brilliant scarlet-crimson.

Gloire de Margottin. Dazzling scarlet.

Gloire Lyonnaise. White, tinted yellow.

Hermosa. Bright rich pink.

John Hopper. Bright rose, carmine center; cupped and well formed.

Jules Margottin. Bright carmine; cupped; very fragrant.

La France. Splendid satiny rose; constant blooming.

La Reine. Rosy pink; fine full flowers.

Mabel Morrison. Pure white, flushed pink in autumn.

Madame Plantier. Pure white, free-blooming. A model hedge and cemetery Rose.

Magna Charta. Bright pink, suffused carmine.

Marchioness de Lorne. Rich fulgent rose, shaded vivid crimson in the center. Very double and sweet.

Margaret Dickson. Finest of all white hybrids.

Marie Baumann. Bright carmine; large, exquisitely formed.

Marshall P. Wilder. Cherry carmine; large and full.

Merveille de Lyon. White shaded rose.

Mme. Gabriel Luizet. Fine satiny rose.

Mrs. John Laing. Delicate pink, large, full.

Mrs. J. Sharman-Crawford. Deep rosy pink; outer petals shaded with pale flesh.

Paul Neyron. Very large; dark rose.

Persian Yellow. Bright golden yellow; blooms very early.

Prince Camille de Rohan. Deep velvety crimson, with black shadings.

Rodocanachi. Beautiful transparent rose, shaded pink; long-stemmed, fragrant.

Soleil d'Or. New hardy yellow Rose.

Ulrich Brunner. Bright cerise-red; large and full.

Victor Verdier. Rosy carmine; large, showy.

White Baroness. Pure white; splendid bloomer.

CLIMBING ROSES

All are perfectly hardy, free-blooming, and exceptionally fine in their season.

Baltimore Belle. Pale blush flowers in fine clusters. 25 cts. each, $2.50 per doz.

Climbing Roses, continued

Crimson Rambler. A strong climber of very rapid growth, that produces exceedingly large and brilliant clusters of crimson flowers. The leaves are a peculiar glossy green. For verandas, walls, pillars, etc., there is nothing so fine; it is also used for pot culture. It bears abundantly, and although of recent introduction, has become justly popular.

	EACH	DOZ.
1-year	$0 30	$3 00
2-year dormant plants	50	5 00

Multiflora Japonica. A charming Japanese Rose that is exceedingly free-blooming and covered in June with great clusters of small white single flowers. These are very fragrant and followed later by bright red heps. Extremely hardy, grows rapidly and may be trained either as a shrub or climber. Strong plants from open ground. 2-year, 25 cts. each, $2.50 per doz., $12 per 100.

MULTIFLORA JAPONICA

Prairie Queen. Beautifully formed, very double flowers of rich, clear pink. 2-year, 25 cts. each, $2.50 per doz., $20 per 100.

Royal Cluster. A lovely new climber, with white, double flowers of medium size, beautifully formed and spicily fragrant. Strong 2-year plants, 30 cts. each, $3 per doz.

Setigera. Rapid growth, large, clean foliage, single deep rose-colored flowers, unsurpassed for covering banks and hillsides. 2-year, 30c. each, $3 per doz.

White Rambler. Small, double, white, fragrant flowers. 2-year, 30 cts. each, $3 per doz.

Yellow Rambler. Of less rapid growth than the Crimson Rambler, though a vigorous and hardy grower. The deep yellow flower-buds open into small, creamy white Roses, that are borne profusely in clusters over the plant. 30 cts. each, $3 per doz.

ROSA WICHURAIANA AND ITS HYBRIDS

The thick young shoots of these new Japanese Roses grow several yards long in one season; their glossy leaves are almost evergreen. Although naturally trailers, they grow equally fast when trained upward over trellises, arches, fences, etc. All are quite popular for park and cemetery planting, for terraces, banks and similar uses.

Wichuraiana. WHITE MEMORIAL ROSE. This, the pretty parent type, has clusters of white, single flowers, followed by red berries. It blooms a long time in midsummer, and is still the finest and most valuable of all this class. For protecting banks from washing we know of nothing better.

	EACH	DOZ.	100
1-year	$0 15	$1 50	$10 00
2-year	20	2 00	15 00

Pink Roamer. Single flowers of bright rich pink. 1-year, 20 cts. each, $2 per doz.

South Orange Perfection. Double blush-pink flowers. 2-year, 20 cts., each, $2 per doz.

Manda's Triumph. Double white fragrant flowers, produced in clusters, 2-year, 20 cts. each, $2 per doz.

Universal Favorite. Very fragrant light pink, semi-double flowers. 2-year, 20 cts. each, $2 per doz.

SINGLE ROSES

Blanda. Early Wild Rose. A pretty bush, 1 to 3 feet high, with light rosy pink flowers. 2 to 3 feet, 20 cts. each, $2 per doz.

Carolina Swamp Rose. Bush form, with dull green foliage and showy pink flowers from June until September. Bright crimson fruits. 1½ feet, 20 cts. each, $2 per doz.

Lucida. Clear rose-red flowers and shining leaves that are brilliantly colored in autumn. A fine species.

	EACH	DOZ.
1 to 2 feet	$0 12	$1 00
2 to 3 feet	20	2 00

Multiflora. Described among Climbing Roses. See page 58.

Nitida. Has bright red flowers and fruits and rich autumn foliage. 2 to 3 feet, 20 cts. each, $2 per doz.

Rugosa. Japanese Rose. The large, handsome foliage of this Rose and its great showy single pink or white flowers have made it exceedingly popular for a number of uses. It forms a handsome, compact bush, made very attractive all season by continuous fine flower-clusters and large scarlet fruits. For groups and hedges (page 56) it is greatly in demand. Strong plants from open ground.

	EACH	DOZ.
12 to 18 inches	$0 20	$2 00
18 to 24 inches	25	2.50

Hardy Ornamental Vines

Climbing Vines are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. Indeed, nothing so quickly tones down the roughness of a new place as some of our rapid climbers. Before the trees are large enough to afford either shelter or coolness, vines will hide ugly walls or fences and screen sunny porches. We offer the most desirable hardy sorts, and recommend a free use of them. Vines to produce immediate effect should be planted 2 to 3 feet apart.

ACTINIDIA arguta. This Japanese vine has thick, glossy leaves and beautiful creamy white flowers of delightful fragrance, borne through midsummer. The odd, greenish fruits which follow are large and plum-shaped, edible; with a fig-like flavor. One of the most beautiful vines for northern climates.

	EACH	DOZ.
1-year	$0 20	$1 75
2-year	50	5 00

A. polygama. A robust and graceful climber; oblong leaves that turn a pale yellow. 25 cts.

AKEBIA quinata. A clean, quick-growing Japanese climber, with quaint five-lobed, nearly evergreen leaves, and fragrant dark purple flowers. Fine for porch pillars, arbors and trellises. 1-year, 25c. each, $2.50 per doz.

AMPELOPSIS. The American Ivies. These are good vines for covering walls, tree trunks, etc. They are perfectly hardy, grow fast, need little care or training, and color brilliantly in fall. All strong, field grown.

A. Veitchii, the Japanese or Boston Ivy, clings closely and tenaciously to supports of any sort, forming a smooth wall of glossy leaves.

	EACH	DOZ.
2-year	$0 25	$2 00
3-year	40	4 00

Ampelopsis quinquefolia, our native Virginia Creeper, is a more vigorous form, with five-parted leaves. It is just as bright in autumn as the Japanese Ivy, but does not cling so close to walls and is more useful for latticework, screens, tree trunks, etc. 2-year, 25 cts. each, $2 per doz.

var. Engelmanni, which clings more closely and grows very fast, is often used for covering buildings, etc.

	EACH	DOZ.
2-year	$0 25	$2 00
3-year	40	4 00

A. tricolor has grape-like leaves, beautifully marbled with white, pink and green. A conspicuous and attractive variety. 2-year plants, 25 cts. each, $2 per doz.

A. Muralis resembles the American variety, but is more slender and shorter-jointed, with smaller leaves.

	EACH	DOZ.
1-year	$0 25	$2 50
2-year	35	3 00

ARISTOLOCHIA Sipho. Dutchman's Pipe. The curious pipe-shaped brown flowers are attractive, but the vine is grown chiefly for its enormous light green leaves, which so quickly furnish a cool shade. Valued as a vigorous grower. Strong 2-year plants, 50 cts. each, $5 per doz.

BIGNONIAS. Also frequently classed as Tecoma. These shrubby climbers have very large and handsome flowers of open trumpet form, borne in clusters. Their foliage is pinnate, their growth vigorous and rapid. For summer-houses, arbors, porches, screens, etc., they are favorite vines.

B. radicans, the TRUMPET CREEPER, is our native sort, with great deep scarlet blooms. 2-year, 25 cts. each, $2.50 per doz.

B. grandiflora has larger, brighter flowers. 2-year, 35 cts. each, $3 per doz.

CELASTRUS scandens. BITTERSWEET. A native vine, with good foliage, grown chiefly for its thick fruitage of scarlet and orange berry clusters, which cling to the vine all winter.

	EACH	DOZ.
1-year	$0 25	$2 00
2-years	35	3 00

CLEMATIS. See special list, page 62.

HEDERA THE IVIES. These, like the honeysuckles, have been long in use and are well known.

H. Helix is the fine old ENGLISH IVY of literature. Where not exposed too much, nothing is finer for covering buildings, tree trunks, graves, etc. Its perfectly evergreen habit makes it invaluable. 1-year, 20 cts. each, $2 per doz., $10 per 100.

H. Hibernica, the IRISH IVY, is also a large-leaved, luxuriant, well-known sort, adapted to similar uses.

	EACH	DOZ.	100
1-year	$0 20	$2 00	$10 00
2-year	30	3 00	15 00

IPOMŒA pandurata. HARDY WHITE MOONFLOWER. A perfectly hardy, strong, branching vine that grows from a large, tuberous root. Through early summer and late autumn its deep green heart-shaped leaves are spangled with great satiny white flowers, flushed with purple in the throat. 10 cts. each, $1 per doz.

JASMINUM officinale, our COMMON WHITE JESSAMINE, is hardiest when planted on the south side of a wall or building. It grows fast and has sprays of sweet white flowers. 2 years, 25 cts each, $2 per doz.

LONICERA. THE HONEYSUCKLES. These loved old vines have lately been put to a number of new uses, especially in the line of covering hedges and bare patches of ground on banks and under trees where grass will not grow. For porches, trellises and arbors they have always been popular. In sheltered places they are nearly evergreen.

LONICERA brachypoda aurea reticulata, the JAPAN GOLDEN HONEYSUCKLE, has bright yellow leaves, veined with green, and clusters of fragrant cream-colored flowers. 2-year, 25 cts. each, $2 per doz., $15 per 100.

L. Halliana. HALL'S HONEYSUCKLE. One of the best and most useful forms, bears continuous crops of sweet white and buff blossoms. 2-year, 25 cts. each, $2 per doz., $15 per 100.

L. Punicea, the SCARLET TRUMPET HONEYSUCKLE, is most brilliant of all in bloom. It has thick clusters of long, tubular scarlet blossoms and bluish green leaves. 2-year, 25 cts. each, $2 per doz., $15 per 100.

L. Sinensis, or **Japonica,** has fragrant white and pink flowers. 2-year, 25 cts. each, $2 per doz., $15 per 100.

L. brachypoda holds its glossy green leaves later in the autumn than any other variety. 2-year, 25 cts. each, $2 per doz., $15 per 100.

LYCIUM Chinense. MATRIMONY VINE. Of marvelous vigor and fruitfulness. Every new growth is at once covered with bright purple flowers, succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them from spring until late winter. 2-year, 20 cts. each, $2 per doz.

PERIPLOCA Græca, the SILK VINE, climbs rapidly, has pretty silky leaves and axillary clusters of quaint purple-brown flowers. 25 cts. each, $2.25 per doz.

VINCA. TRAILING MYRTLES. These grow in shaded places as well as in sun, matting the ground thickly with evergreen leaves. They have fine blue flowers in spring, used for covering graves, bare spots under trees, etc.

V. major and its variegated variety, **V. major variegata,** have large rich leaves, and are used also for lawn vases and baskets. 1-year, in pots, 20 cts. each, $2 per doz.

V. minor has narrower, dark green leaves. 1-year, 10 cts. each, $1 per doz.

WISTARIAS. These are superb vines for training high into heavy wreaths about buildings, and for growing in tree form. **W. Sinensis,** with cascades of lovely light blue flowers, is one of the finest forms. Its white variety, **W. S. alba,** is beautiful for contrasting with it. **W. magnifica** has flowers of rich lilac-blue. **W. multijuga** is a giant type, with enormous, showy clusters of flowers in a rich lilac shade.

	EACH	DOZ.
2-year, large, strong plants	$0 50	$5 00
3-year, large, strong plants	1 00	10 00

THE CLEMATISES

No climber that we grow produces such rich sheets of bloom for so long a season or so lavishly. As a decoration for verandas, walls or arbors it has no rival among strong-growing, blossoming vines.

We offer the most satisfactory varieties at 40 cts. each, $4 per doz., except where otherwise noted

Baron Veillard. A superb new sort, with large flowers of bright pink.

Coccinea. Flowers scarlet, bell-shaped. 25 cts. each, $2.50 per doz.

Crispa. Slender climber, with fragrant flowers varying from purple to whitish color. 25 cts. each, $2.50 per doz.

Duchess of Edinburgh. The best pure white double variety.

Gypsy Queen. Rich velvety purple.

Henryi. Creamy white; of very large, fine form and quite fragrant.

Jackmani. Remarkable for the velvety richness of its intense royal purple flowers. Blooms in successive crops all summer.

Mme. Edouard Andre. New Red Clematis. Flowers quite large; of a beautiful, bright velvety red.

Miss Bateman. Silvery white, dark anthers.

C. paniculata. This famous novelty from Japan has been so widely advertised that it is well known. It blooms more freely than any other small-flowered white Clematis, and is of very clean, quick, luxuriant growth. Its fragrant pure white flowers are massed in showy panicles.

	EACH	DOZ
1-year	$0 15	$1 50
2-year	25	2 00

Ramona. Lavender. Very large

Viticella. Medium-sized purple flowers, borne singly on peduncles. 25c. each, $2.50 per doz.

Hardy Perennial Plants

Some of the finest flowers of the whole season are supplied by hardy perennials. Until hardy plants come into more general use we cannot hope for permanently interesting and really artistic gardens in this country. A good selection of them, carefully planted, quickly becomes effective and increases in beauty from year to year. We offer good, strong roots of the genus and species found most satisfactory in general planting. Many Perennial Plants can be advantageously used in large shrubberies to insure a more continuous and varied bloom effect during the entire season. Write us for prices on large quantities of plants.

ALTHEA rosea. Hollyhocks. For planting in rows or groups on the lawn, or interspersing with shrubbery these are invaluable. We offer the beautiful **Allegheny Strain,** with flowers wonderfully formed of loosely fringed silken petals. The colors vary from palest shrimp pink to deep red, orange, white, etc. Strong 2-year plants that will flower this season, 20 cts. each, $2 per doz.

DICENTRA spectabilis. Bleeding Heart. This is a beautiful old hardy plant, with fine leaves and long, arching racemes of drooping heart-shaped pink flowers. It soon forms fine clumps. 20 cts. each, $1.50 per doz.

HELENIUM autumnale superbum. Sneezewort. A border plant growing 5 or 6 feet high. It bears abundantly deep golden yellow daisy-like flowers from July to October. 15c. each, $1.50 per doz.

HEMEROCALLIS disticha. A fine border plant. It has narrow leaves and abundant clusters of deep tawny orange flowers. 25 cts. each, $2.50 per doz.

HIBISCUS. Crimson Eye. Showy, perfectly hardy and very free in bloom. The great pink and white flowers have deep velvety crimson centers. 20 cts. each, $2 per doz.

RARE WATER LILIES, CHOICE AQUATICS

We can supply our customers with a full line of these desirable plants upon reasonable terms. Selections and estimates made on application.

THE IRISES

We especially wish to call attention to the value of the Iris for groups, for planting in masses on the lawn or among shrubbery, or for naturalizing in wild or uncultivated places. When planted in masses they produce a display of large, bright flowers, not equaled by anything else in their season. The most effective way to plant a mass is to use one color only.

Iris Germanica. GERMAN IRIS. Fine named varieties, including many beautiful colors. 15 cts. each, $1.25 per doz., $8 per 100.

Ada Gigantea. White, blue fringe.
Adonis. Blue ; early.
Candida. Pure white.
Charles Dickens. Blue.
Chamæleon. Delicate blue.
Charlotte Patty. Deep yellow, tinged with dark red.
Comte de St. Claire. White, with blue fringe.
Fairy Queen. White crown ; petals blue-tipped.
Fantasie. Blue.
Florentina. Pearly white.
Lilacena. White, speckled with blue
Mme. de Brabant. Blue.
Othello. Brownish yellow.
Pallida. Dark blue.
Prince de Brignet. Pure white.
Reine de Pays. Golden brown.
Queen of Gypsies. Lavender and bronze, rich feathered plume.
Viola. Purplish blue.
Zephyr. Pale blue.

Iris Kæmpferi. JAPANESE IRIS. The flowers of these Irises grow to an enormous size, averaging 5 to 6 inches in diameter, while the beauty and variety of their coloring surpass description. When selection of kinds is left to us, the best and most distinct sorts will be sent.

Good named varieties, 20 cts. ea., $2 per doz., $12 per 100.

Antelope. Rosy purple, flecked with white.
Apollo. White and pink.
Comet. Lilac, mottled white.
Corea. Velvety purple.
Dion Sidi. Sky-blue.
Dos his ka. Bluish white, dark veined.
Emperor. Purple.
Gloriosa. Dark blue, yellow center.
Jezo. Light purple.
Mana Dourii. Light lavender.
Meiram. Lavender, dark veined.
Morya no taki. Dark blue, yellow center.
Mrs. Buchanan Dark blue.
Mt. Hood. Fine blue.
North Star. Dark wine-red.
Peachblow. Blush.
Purple Emperor. Dark purple.
Sanowa tashi. Pure white dwarf.
Shisti Odan. Lavender, dark veined.
Speckled Beauty. Magenta-red, striped with white.
Sultana. Fine blue, semi-double.
Tenek's Seedling. Dark blue.
Toutoise. Purple, striped and spotted.
Tokyo. Blue, white center.
Ujino Holons. White ; best.
White Empress. White.

A BLOCK OF IRIS AT GLENWOOD NURSERIES

PÆONIAS

Some of these great flowers are as perfectly formed and delicately tinted as Tea roses, others are deep and brilliantly colored, or striped and tipped like carnations. All bloom very early and are superb in effect. We offer a large collection of choice named varieties, in all colors from deep crimson to pure white, as follows.

Price, 25 cts. each, $2.50 per doz.

Agidas. Dark red, rich and glowing.
Baron Rothschild. Bright pink.
Eclatante. Dark crimson; golden anthers.
Fragrans. Deep pink, lighter center.
Festiva alba. White; standard variety.
Humei. Bright rosy pink, with a golden buff center.
Humei Carnea. Light rose, with white center.
Hericartiana. Soft rose, with a lighter center.
L. Eblouissante. Bright crimson.
Miranda. Deep rose; fine full flowers.
Mons. Bellard. Large, purplish crimson.
Psyche. Bright rose, creamy center.
Purpurea. Rich purple.
Prolifica tricolor. White guard petals, yellow center.
Perfection. Soft pink, with light center.
Pottsii. Deep rose; late flowering.
Queen Victoria. White, with creamy center.
Rosea superba. Full rosy pink; extra large.
Victoire Modesta. Silvery rose, white center.
Venustissima. Deep pink, chamois center.

PERENNIAL PHLOXES

These vary from 1 to 4 feet in height and bloom from early summer until autumn. The flower-panicles are of brilliant colors, pyramidal and often 6 inches across.

Price, except where noted, 15c. ea., $1.50 per doz.

Athis. Deep pink.
Ætna. Fine salmon-scarlet, dark crimson eye. 20 cts. each, $2 per doz.
Crepuscule. Pale lavender, light halo in center.
Derviche. Light purple, reddish blue eye.
Eclaireur. Purplish crimson. 20 cts.
Eugene Danzenvillier. Lilac shading white, white center.
Faust. White, with rosy red eye, full heads of small flowers.
Fantome. Light violet.

YUCCA FILAMENTOSA GROWING AT GLENWOOD NURSERIES

Innocence. White, tall grower.
J. H. Slocum. Red.
Lothair. Salmon-red, carmine eye.
Ornament. Rosy magenta, crimson eye.
Richard Wallace. White, with pink eye. Tall grower.
Thebaide. Salmon-red, crimson eye; dwarf and floriferous.
The Pearl. Standard white.
Zouave. Purplish crimson.

RUDBECKIA, Golden Glow. This popular herbaceous plant grows vigorously to about 6 feet, and from July to September is aglow with golden yellow, dahlia-like flowers that are especially showy. 15 cts. each, $1.50 per doz.

YUCCA filamentosa. ADAM'S NEEDLE. When planted against evergreens these give almost the effect of statuary, so massive and marble white are their great flower-stalks. Used for grouping among shrubbery, and for walk and terrace decorations, etc.

	EACH	DOZ.
Small plants	$0 20	$2 00
Larger plants	50	5 00

We can supply a full assortment of perennial plants, and invite correspondence with all who contemplate purchasing

ARUNDO DONAX VARIEGATA, AT GLENWOOD

Ornamental Grasses

These are among the finest of all hardy plants for bedding. All are exceedingly graceful, with large and plumy flower-heads.

ARUNDO Donax variegata. Foliage creamy white and green. 40 cts. each, $4 per doz.

EULALIA gracillima univittata. The narrow green leaves have a conspicuous white midrib. 20 cts. each, $2 per doz., $15 per 100.

E. Japonica striata. Green leaves, striped with white. 20 cts. each, $2 per doz., $15 per 100.

E. Japonica zebrina. In this the yellow stripes run across the leaves. 25 cts. each, $2.50 per doz.

ERIANTHUS Ravennæ. Leaves green; feathery plumes a foot long. 25 cts. each $2.50 per doz.

GYNERIUM argenteum. PAMPAS GRASS. The silvery plumes are produced on stems 6 to 8 feet high, and are beautiful through the winter. Cut back in spring.

	EACH	DOZ.
Strong plants	$0 30	$3 00
Extra strong clumps	50	

Vegetable Roots and Plants

RHUBARB, or PIE PLANT. Linnæus. Strong roots, 25 cts. each, $2 per doz., $12 per 100.

ASPARAGUS. 2 years, $1 per 100, $5 per 1,000. Conover's Colossal, Barr's Mammoth, Columbian Mammoth White, Donald's Elmira, Dreer's Eclipse, Palmetto.

SAGE. Holt's Mammoth. $1 per doz., $3 per 100.

HORSE-RADISH SETS. 25 cts. per doz., $1 per 100, $5 per 1,000.

HOP VINES. Golden Cluster. 15 cts. each, $1.50 per doz.

Hardy Fruits and Nuts

WE CANNOT FURNISH ANY VARIETIES OR SIZES NOT INCLUDED IN THIS LIST

In the following pages we offer the varieties found most generally satisfactory over a wide range of country, together with the more promising new sorts. As these are now pretty well known, we omit the descriptions.

APPLES

5 to 6 ft., ¾ to 1 in. cal., 40 cts. each, $4 per doz.

Early Varieties.—Autumn Strawberry, Cornell's Fancy, Early Harvest, Fall Pippin, Gravenstein, Grimes' Golden, Maiden's Blush, Red Astrachan, Wealthy, Smokehouse, Townsend, Yellow Transparent.

Winter Varieties.—American Golden Russet or Sheepnose, Baldwin, Ben Davis (New York Pippin), Bellefleur, Bismarck, Fallawater, King of Tompkins County, Northern Spy, Northwestern Greening, Ohio Nonpareil, Rambo, Talman's Sweet, York Imperial, Winesap.

Crab Apples.—Very ornamental when in fruit or flower, and excellent for preserving—Gen. Grant, Hyslop, Martha, Transcendent, Whitney. 50 cts. each, $5 per doz.

APRICOTS

40 cts. each, $4 per doz.

Breda, Harris Hardy, Moorpark.

Russian Varieties.—Alexis, Nicholas.

PEARS

First-class trees, 5 to 6 feet, ¾ to 1¼ in. cal., 75 cts. each, $8 per doz.

Pears can be grown in almost any good soil, with the same treatment as apples.

STANDARD PEARS

We offer the following:

Summer Varieties.—Bartlett, Buffum, Clapp's Favorite, Doyenne d'Ete, Osband's Summer, Tyson, Wilder.

Autumn Varieties.—Belle Lucrative, Beurre d'Anjou, Flemish Beauty, Kieffer, Seckel, Sheldon, Vermont Beauty.

Worden-Seckel. $1 each, $9 per doz.

Winter Varieties.—Duchess de Bordeaux, Lawrence.

DWARF PEARS

Require thorough cultivation to grow them to perfection, but are desirable in small yards. Plant deep enough to cover the junction of the Pear and quince 2 or 3 inches. 40 cts. each, $4 per doz. Duchesse d'Angouleme, Louise Bonne de Jersey, Bartlett, Beurre d'Anjou, Clapp's Favorite, Lawrence, Seckel.

PLUMS

First-class trees, 1 in. cal., 75 cts. each, $8 per doz.

Bradshaw, Coe's Golden Drop, German Prune, Imperial Gage, Lombard, Reine Claude, Shipper's Pride, Yellow Gage.

Japan Plums. We offer the best varieties, Abundance and Burbank, at 60 cts. each, $6 per doz.

PEACHES

Extra heavy, 5 to 6 feet, 25 cts. each, $2.50 per doz., $15 per 100

Alexander, Chair's Choice, Champion, Crawford's Early, Crawford's Late, Crosby, Elberta, Globe, Mountain Rose, Oldmixon Free, Reeves' Favorite, Stephen's Rareripe, Stump the World, Wonderful.

NECTARINES

40 cts. each, $4 per doz.

Boston, Downton, Hardwick, New White.

QUINCES

Champion, Meech's Prolific, Orange or Apple. 40 cts. each, $4 per doz.

CHERRIES

First-class trees, ¾ to 1¼ in., 75 cts. each, $8 per doz.

Black Eagle, Black Tartarian, Coe's Transparent, Downer's Late Red, Early Richmond, Elton, English Morello, Governor Wood, May Duke, Montmorency, Napoleon Bigarreau, Reine Hortense, Rockport Bigarreau, Yellow Spanish.

MULBERRIES

For prices and descriptions, see page 34.

PERSIMMONS

American (*Diospyros Virginiana*). 4 to 5 feet, 40 cts. each, $4 per doz.

Japanese. We offer the best varieties. 2½ to 3½ feet, 75 cts. each, $7.50 per doz.

NUTS

CHESTNUTS

American Sweet Seedlings. 2 years, 2 to 3 feet, 30 cts. each; 3 to 5 feet, 40 cts. each.

Dwarf (Chinquapin). 2 to 3 feet, 40 cts. each.

Japan Giant. 1-year grafts, $1 each, $10 per doz.; 2-year grafts, $1.50 each, $15 per doz.; 4 to 5 feet, $3 each; seedlings, 4 to 5 feet, 75c.

Numbo and **Paragon.** 1-year grafts, 1½ to 2½ feet, $1.25 each, $10 per doz.; 3 to 4 feet, $1.75 each, $18 per doz.; seedlings, 2 years, 3 to 4 feet, 40 cts. each.

WALNUTS

Black. 4 to 5 feet, 60 cts. each, $6 per doz.; 3 feet, 35 cts. each, $3.50 per doz.

English. 2 to 3 feet, 30 cts. each, $3 per doz.

Japan Seiboldii and **Max cordiformis.** 4 to 5 feet, 40 cts. each, $4 per doz.; 5 to 6 feet, 75 cts. each, $7 per doz.

White (Butternut). 10 to 12 feet, $1 each, $10 per doz.; 3 to 4 feet, 40 cts. each, $4 per doz.

OTHER CHOICE NUTS

Almonds, Hardshell and **Softshell.** 3 to 4 feet, 40 cts. each, $4 per doz.

Filbert, English. 3 to 4 feet, 35 cts. each, $3 per doz. Best named varieties, 2 to 3 feet, 40 cts. each, $4 per doz.

Pecan, Paper Shell. 3 to 4 feet, 50 cts. each, $5 per doz.

Shellbark Hickory, Thin Shell. 4 to 6 feet, 50 cts. each, $5 per doz.

GOOSEBERRIES

Downing. 2 years, $2 per doz., $10 per 100.

Industry. $2.50 per doz., $15 per 100.

Josslyn, or **Red Jacket.** 2 years, $2.50 per doz., $15 per 100.

CURRANTS

Black Naples, Cherry, La Versailles, Red Dutch, White Grape. $1.50 per doz., $10 per 100.

Fay's Prolific, North Star. $1.50 per doz., $10 per 100.

Pomona. $2 per doz., $15 per 100.

RASPBERRIES

$1 per doz., $4 per 100

Red and Yellow Varieties.—Cuthbert, Golden Queen, Marlboro, Columbian.

Cap Variety.—Gregg.

BLACKBERRIES

Except where otherwise quoted, $1 per doz., $4 per 100

Our Blackberries are extra-selected stock, grown from root cuttings.

Erie, Kittatinny, Snyder, Wilson, Jr.

Rathbun. $1.25 per doz., $6 per 100.

STRAWBERRIES

On account of the perishable condition of Strawberry plants, we advise that they should be shipped by express.

We can supply the following list during March, April and May at $2 per 100, $6 per 1,000

Our Strawberry plants quoted herein are put up especially for the retail trade, and are large and finely rooted.

Beder Wood, Bismarck, Charles Downing, Crescent Seedling, Glen Mary, Gandy, Greenville, Haverland, Marshall, Michel's Early, Nick Ohmer, Sharpless, Warfield No. 2, Wm. Belt.

GRAPES

Unless otherwise quoted, 2-year grade, very fine, 40 cts. each, $4 per doz.

Black Varieties.—Champion or Talman, Concord, Hartford Prolific, Moore's Early, Telegraph, Wilder, Worden, Campbell's Early, Eaton, Rockwood.

Red Varieties.—Agawam, Brighton, Catawba, Diana, Iona, Jefferson, Lindley, Moyer, Salem, Ulster Prolific, Vergennes, Wyoming Red.

White Varieties.—Duchess, Empire State, Lady Washington, Lady, Martha, Niagara, Moore's Diamond, Pocklington.

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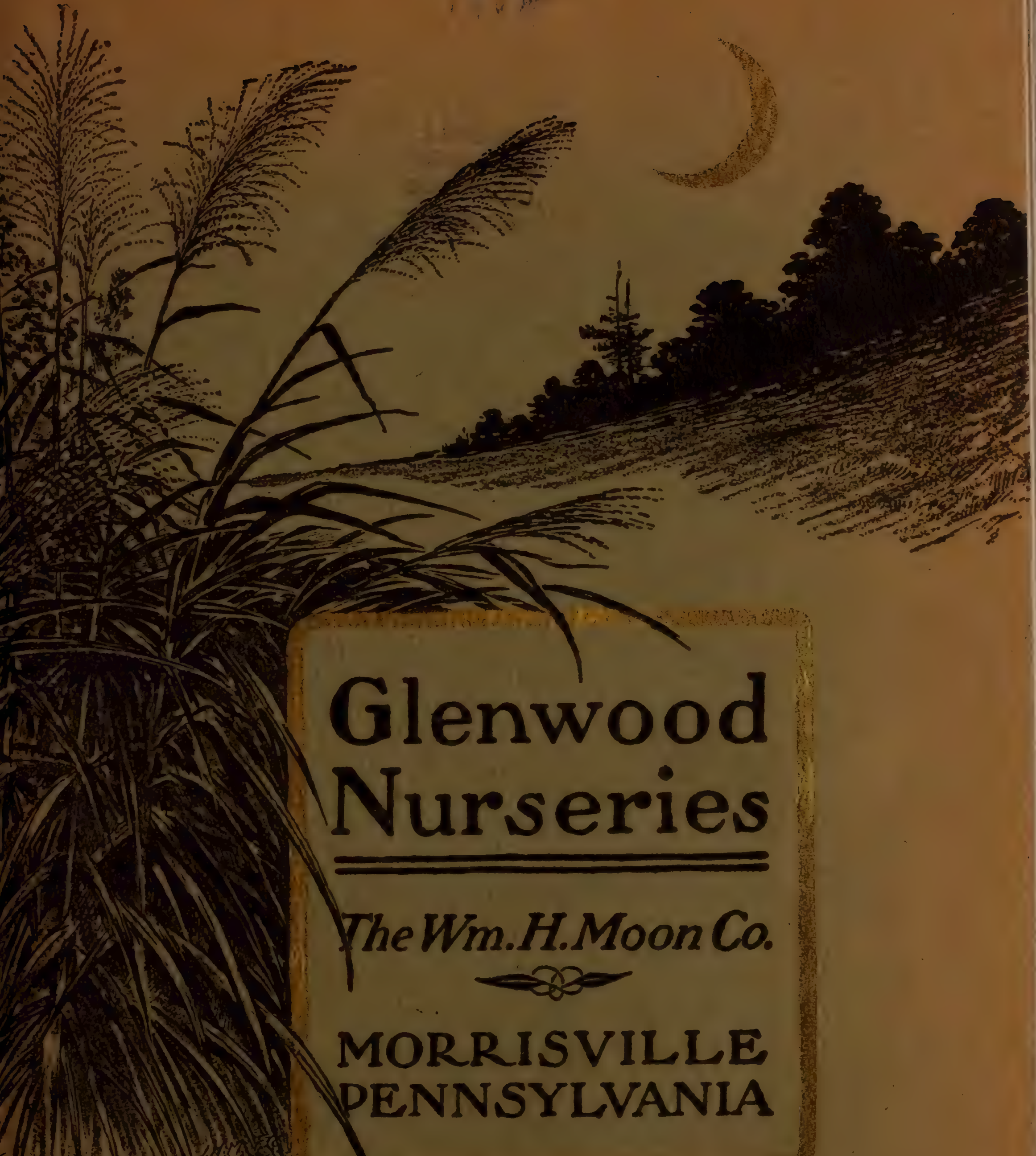
THE WM. H. MOON CO.
GLENWOOD NURSERIES

MORRISVILLE
PENNSYLVANIA

1904



Glenwood Nurseries

The Wm. H. Moon Co.

MORRISVILLE
PENNSYLVANIA

PHILADELPHIA OFFICE
702 STEPHEN GIRARD BUILDING

OFFICE OF THE GLENWOOD NURSERIES

The Wm. H. Moon Company

GLENWOOD NURSERIES

MORRISVILLE — PENNSYLVANIA

PHILADELPHIA OFFICE — *LANDSCAPE DEPARTMENT:*
702 STEPHEN GIRARD BUILDING — 21 SOUTH TWELFTH STREET

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Our exhibit of Evergreens at the Pan-American Exposition at Buffalo, New York

The Glenwood Nurseries

THEIR STOCK, LOCATION, TRADE, ETC.

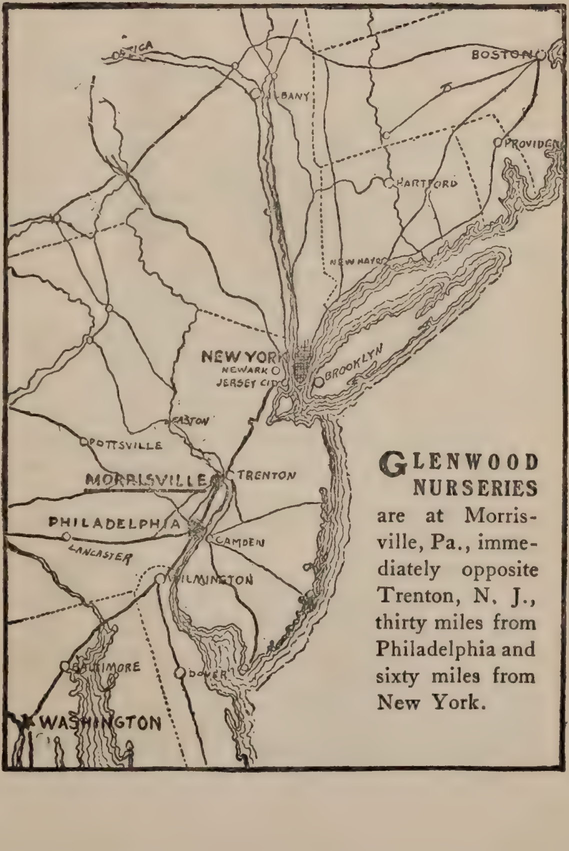
THE growing importance of the Glenwood Nurseries as a great and convenient center for the distribution of nursery stock yearly demands more space for descriptive notes and views.

TWENTY-NINE YEARS AGO they were established, and since that time their growth has been like that of one of their own fine trees: healthy, vigorous and rapid, taking in fresh acres and skilled new methods every year; spreading symmetrically to cover all lines of outdoor decoration, until now they are superbly stocked with one of the most complete nursery collections, especially of ornamentals, to be found in the United States.

The collection, propagation and growth of such a stock has thus required many years of careful, persistent research and toil, for we have striven for superiority of quality and genuineness of variety in all branches of our trade.

Nevertheless, we do not recommend everything in this Catalogue as being the very best or most desirable for everybody. Some varieties are best adapted to certain localities: others are singular or grotesque specimens of plant growth, admired by many and wanted by only a few. Of many species, the distinction between varieties is so slight that none but experts or amateurs will appreciate them, but it is our business to cater for all tastes, and therefore it is necessary to enumerate many things which are valued especially because rare or odd.

The map shows the central location of the Glenwood Nurseries, near Morrisville, Bucks county, Pa., on the line of the Pennsylvania Railroad. They are about one mile from Trenton, N. J., thirty miles from Philadelphia, and sixty miles from New York, and are accessible by either the Pennsylvania Railroad (New York Division) or the Bound Brook route to Trenton, N. J., where carriages can always be obtained at the depots.



GLENWOOD NURSERIES are at Morrisville, Pa., immediately opposite Trenton, N. J., thirty miles from Philadelphia and sixty miles from New York.

The Yardley, Morrisville and Trenton trolley line passes our nurseries every hour each way, leaving Calhoun street Bridge, Trenton, 30 minutes after the hour and Yardley, Pa., on the hour. Yardley Station, on the Bound Brook Railroad, is about two miles distant. Our nurseries are thus easily accessible from all points, and we are pleased to have customers visit them on any day except the Sabbath. A much better idea of our stock can be obtained in this way than from even the most explicit descriptive catalogue. As in the case of evergreens (page 18), from the height, or even from the number of buds and branches sometimes given, it is not always possible to judge of the value of stock. Spindling odds and ends, collected by brokers, might measure more than our well-pruned, bushy, symmetrical young trees, and yet not be worth the planting.

It is here that the advantage of a nursery convenient for the inspection of stock before purchasing is felt, and we cannot too strongly urge upon the owners of large estates the importance of selecting their stock personally, or sending their managers or gardeners to do it.

Honest dealing and an intelligent care of our customers has been a feature of our business from the beginning. We are confident that the customer in search of anything in the horticultural line cannot do better than visit our grounds or write us for estimates.

BUSINESS TERMS

If our prices on any article may appear higher than those of some of our competitors, be assured that they are only enough higher to compensate for the superiority in quality that we expect to give every purchaser. Life is too short to squander in nursing sickly trees or worthless varieties.

Our Terms are net cash or satisfactory reference. Orders from unknown parties, whose financial rating is not recorded, must be accompanied by a Draft on New York or Philadelphia, or Registered Letter or Money Order on Morrisville, Pa.

Please Write Orders on separate sheet, apart from the body of the letter, and be very particular to give name and address distinctly.

Packing and Shipping. No charge is made for packing or for delivery to freight depots or express offices in Trenton, N. J. Plain and explicit shipping directions should be given with every order, naming mode and route for forwarding, otherwise we will use our own judgment; but, upon delivery to railroad, steamboat or express companies, our responsibility ceases.

Errors. In the press of business, errors sometimes may occur, of which we desire to be informed at once, that we may make proper amends, as we wish to render full satisfaction to all favoring us with their custom.

A Certificate of Inspection as to healthfulness and freedom of disease accompanies every shipment of our stock.

Our Philadelphia Office is at 702 Stephen Girard Building, 21 South Twelfth St., where any information in regard to our nursery stock may be obtained by all in that vicinity, and where all who wish to consult us in regard to Landscape work should apply.

Address all correspondence to

James M. Moon, President,
Henry W. Comfort, Vice-President,
Edward C. Williamson,
Wm H. Moon, Secretary and Treasurer,
} Directors.

The Wm. H. Moon Co.
MORRISVILLE, PA., or PHILADELPHIA, PA.

Ornamental Shade Trees

OUR stock of Ornamental Shade Trees is as complete as scientific and practical knowledge combined can make it. The trees have been grown under a thorough, clean system of cultivation and frequently transplanted to insure an abundance of fibrous roots. They are free from borers, fine, healthy and handsome. Our careful system of packing protects the root-masses, so that they reach purchasers fresh and uninjured. Our suggestions on unpacking and the protection of roots before planting, given on pages 7, 8, 11, 14 and 18, will be of value to inexperienced planters.

LARGE SPECIMEN TREES of many varieties can be furnished at advanced rates. We have many superb specimens at Glenwood that must be seen to be appreciated.

FOR TREES IN LARGE QUANTITIES special quotations will be furnished on application. Quotations will also be given by the dozen, 100 and 1,000, when requested. Reduced rates made to land-improvement companies, or other enterprises needing a large number of moderate-sized trees.

DECIDUOUS TREES may be transplanted at any time after the leaves fall in autumn and before they start in spring, provided the ground is not frozen. The various uses to which the different sorts of trees have been found well adapted are given in our list, and may be helpful in selecting trees for any particular purpose.

IMPORTANT GROUPS

Acer—The Maples

For general shade and ornamental purposes the Maples are, perhaps, more largely planted than any other trees. They are regular in outline, beautiful in foliage, vigorous growers, free from all diseases and adapted to all soils. By skilful pruning and culture our Maples are trained into straight, stocky trees, not easily injured by high winds or the ordinary street abuses. The Silver Maple is the most rapid-growing, but for permanency the Sugar and Norway are usually preferred.

A. Campestre. EUROPEAN CORK MAPLE. Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry grounds. 4 to 5 ft., 50 cts.; 6 ft., 75 cts.; 7 to 8 ft., $1; 8 to 10 ft., $1.50.

A. Colchicum rubrum. RED MAPLE. The young growth of this rare tree is bright red in May and in August, when a second growth appears. It grows slowly to a medium-sized, round-topped tree, found most valuable for contrasts. From Japan. 5 ft., 75 cts.; 8 ft., $1.25.

Acer dasycarpum. SILVER MAPLE. Has been widely planted on account of its very rapid growth and adaptability to all soils. Forms a large tree, with spreading head and silvery leaves. 10 ft., 30 cts.; 12 ft., 75 cts.; 14 ft., $1 to $1.50, according to stockiness and development. **var. Weirii laciniatum.** WEIR'S CUT-LEAVED SILVER MAPLE. A very beautiful variety, with delicately cut leaves and distinct, half-drooping habit. It grows rapidly, forming a straight, upright trunk, with slender branches that curve gracefully downward. An elegant specimen tree for lawns or parks, or for lining carriage drives. 8 ft., 75 cts.; 10 ft., $1.50.

A. Negundo. ASH-LEAVED MAPLE. Also called Box Elder. Of quick growth and irregular, spreading form, improved by close pruning. The leaves are pinnately arranged. 7 ft., 50 cts.; 9 ft., 75 cts.; 10 to 12 ft., $1.50.

A. polymorphum. JAPAN MAPLE. A special list is given on page 5.

A. platanoides. NORWAY MAPLE. A handsome tree of large growth, forming a wide, rounded head of spreading branches and broad, deep green leaves. Strong, compact and vigorous, it is one of the very best trees for street, park or garden.

	Each	Doz.	100
8 to 9 feet	$0 75	$ 7 00	$40 00
10 to 12 feet	1 25	10 00	70 00
12 feet	1 50	12 00	90 00
12 to 14 feet	$2 to $3 each.	Special by 100.	
14 to 16 feet	$5 to $10 each.		

var. Reitenbachi. REITENBACH'S NORWAY MAPLE. Beautiful and striking because of its rich, changing foliage, which is soft green in spring, decidedly purple in midsummer, purplish scarlet in autumn. Vigorous, pyramidal; valuable for contrasts. 5 to 7 ft., $1.

var. Schwedleri. PURPLE NORWAY MAPLE. Reverses the order of colors given above. The gleaming red and purple tints of its young leaves and shoots contrast brightly with the delicate greens of spring. At maturity they are purplish green, in autumn of pure golden tints and shades. The spring effect is as fine as that of the best purple beeches. New, elegant and valuable. 10 to 12 ft., $1.50.

A. pseudo-platanus. EUROPEAN SYCAMORE MAPLE. A broad, handsome tree that grows quickly, has larger, darker leaves, and casts a denser shade than the other Maples. 8 ft., 75c.; 10 ft., $1.25; 11 to 12 ft., $1.50 to $2.50. **var. purpurea.** PURPLE SYCAMORE MAPLE. Leaves deep green above, purplish beneath. 3 to 5 feet, 75 cts. **var. variegata.** VARIEGATED SYCAMORE MAPLE. Slower-growing. Leaves beautifully variegated. 3 to 5 feet, $1.

A. rubrum. RED OR SCARLET MAPLE. A native species, with fine rounded head, beautiful red blossoms in early spring. Gorgeous autumnal foliage. 4 to 6 ft., 75 cts.

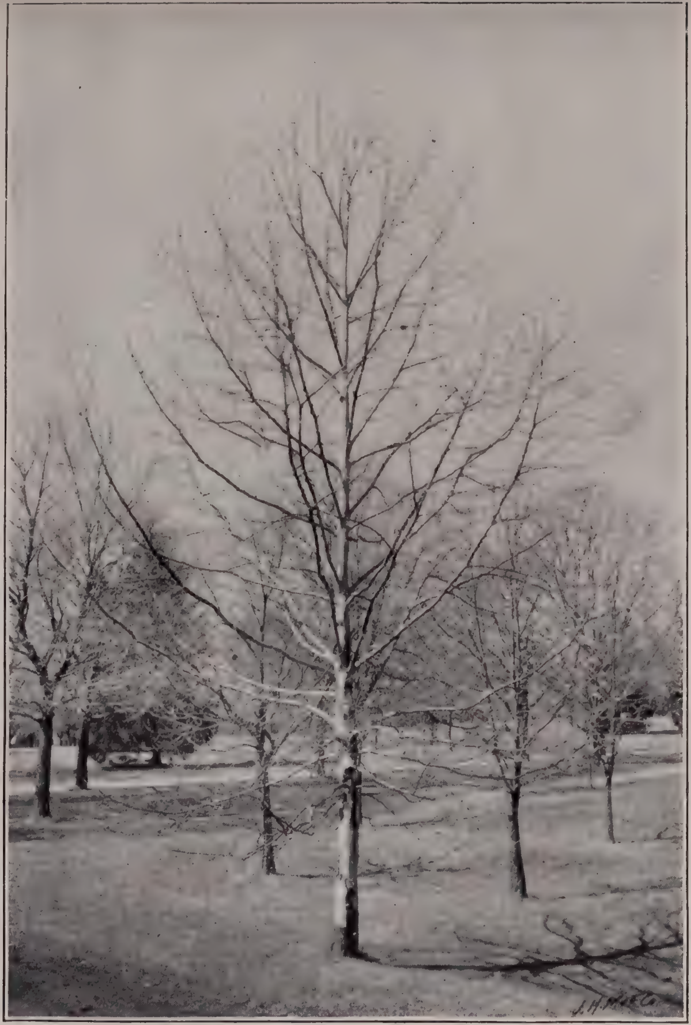
A. saccharinum. SUGAR, OR ROCK MAPLE. Noblest and most enduring of all the Maples, this is also one of the finest and most generally useful of all our shade trees. It roots deeply, allowing the grass to grow close about its trunk, and grows with age into a straight, symmetrical tree of grand proportions. The famous Rock Maple avenues along the Hudson are nearly a century old, yet still in their splendid prime.

	Each	Doz.	100
8 feet	$0 35	$2 75	$20 00
9 to 10 feet	50	5 00	30 00
10 to 12 feet	75	7 00	40 00
12 to 14 feet	1 25	11 00	75 00
12 to 16 feet	$2.50 to $5 each.	Finely developed specimens.	
16 to 18 feet	$8 to 15 each.		

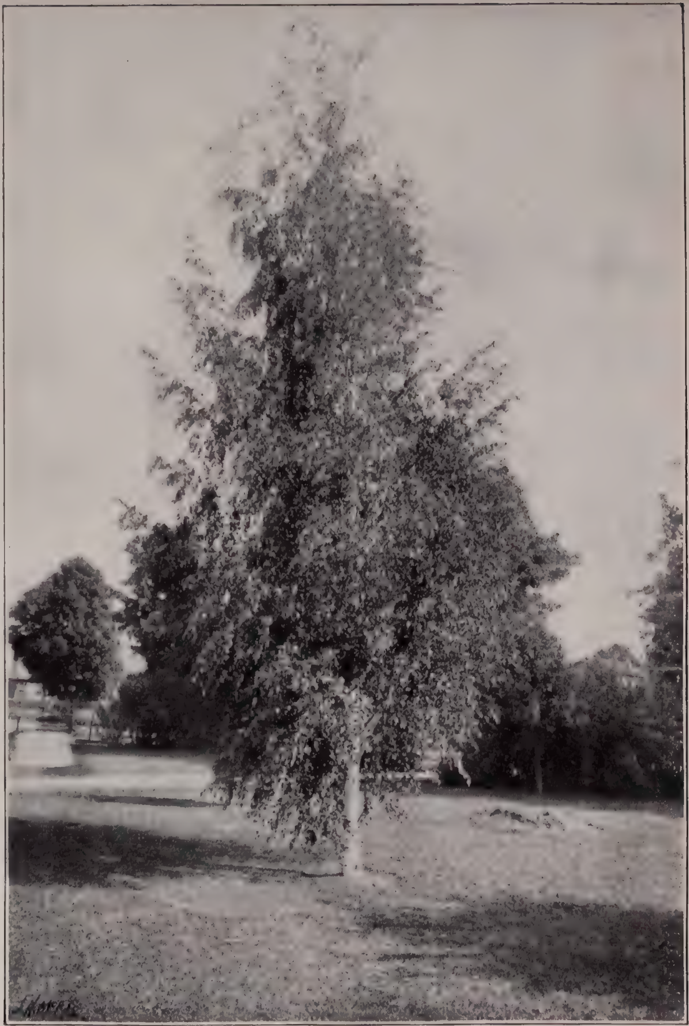
A. Tataricum Ginnala. SIBERIAN MAPLE. Leaves smaller and more finely cut; of similar habit. The leaves turn a beautiful red early in autumn. It is very useful for foliage effects in climates too cold for the Japan Maples, and also fine for mingling with them in beds or groups. A comparatively new variety that is being widely planted. 4 to 6 ft., 75 cts.

A. Virginiana. Similar in leaf and appearance to the Silver Maple, but of more dwarf habit. 4 to 6 ft., 40 cts.

☞Of the standard sorts of Deciduous Trees we annually grow large blocks, and can always supply fine specimens at reasonable rates. We grade, dig and pack these with great care and the skill of long experience. Our extra-sized specimens have been pruned and transplanted to avoid all danger of loss in removal.



Oriental Plane (See page 14)



Cut-Leaved Weeping Birch (See page 6)

PLATE I

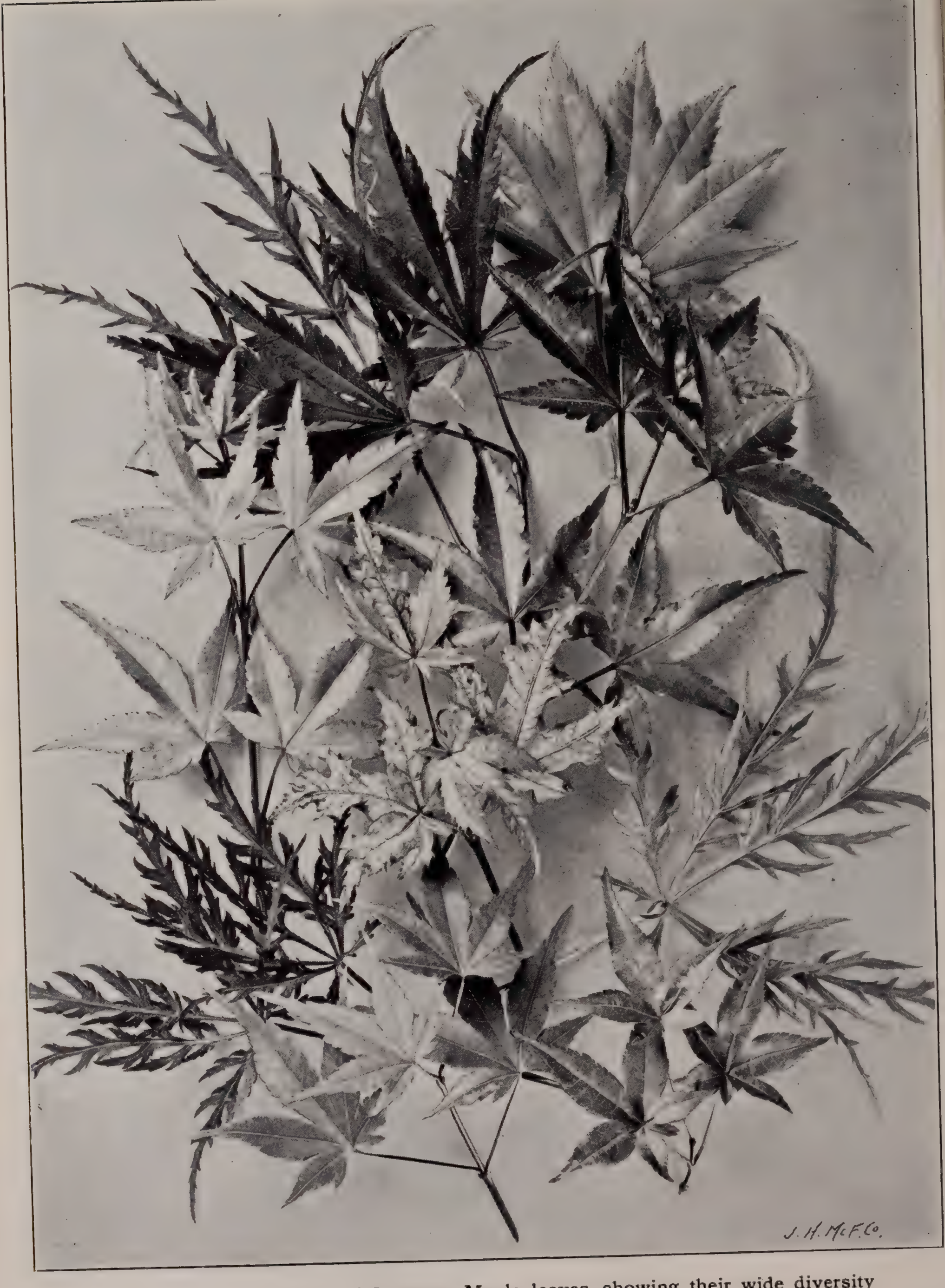
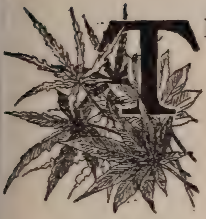


PLATE II — A collection of Japanese Maple leaves, showing their wide diversity in form and color (See page 5)

The Japanese Maples



THESE represent the very highest development of complex, vivid beauty in hardy trees and shrubs. They are small and shrub-like in growth, with leaves delicately cut and oddly formed or brightly colored. These characteristics make possible the *hardy permanent beds for color*, materials for which landscape artists so long sought in vain. The Blood-Leaved is in especial demand for this purpose.

Plate II shows how beautiful the Japan Maples are when grown as single specimens. For bordering groups of taller trees and shrubs, or grown in tubs for house decoration they are equally fine.

These elegant little trees grow slowly, the demand always exceeding the supply, so that prices remain about the same. We select those below as finest and most distinct of all, and offer *American-grown plants*, which we have found much stronger and more robust than those imported.

Acer Japonicum aureum. GOLDEN-LEAVED. Leaves shaded with green, gold and bronze; habit fine. Scarce and desirable. 12 to 18 in., $2.

A. polymorphum. Leaves small, deeply lobed, bright green; young shoots bright red. The beautiful parent form of all the species. 2 to 2½ ft., $1.50; 3 ft., $2.

var. atropurpureum. BLOOD-LEAVED. Like the above in growth and form of leaf, but the color is deep blood-red all through the season. Much used for crimson color masses and also beautiful as a specimen. In groups or beds plant about 4 feet apart. 18 to 24 in., $1.50; 2 to 2½ ft., $2; 2½ to 3 ft., $2.50.

A. polymorphum, var. atropurpureum dissectum. CUT-LEAVED PURPLE. Of the same beautiful color, with leaves deeply and delicately cut into lace-like patterns. Some specimens are a beautiful rose-color when young. 18 to 24 in., $2; 2 to 2½ ft., $2.50.

var. viridis dissectum. GREEN CUT-LEAVED. A green-leaved variety similar to the above in leaf, form and habit. 2 to 2½ ft., $2.

var. nigrum. Foliage and branches of the darkest shade, almost black, more permanent than any other variety. Habit erect. Rare and choice, and a most distinctly attractive lawn tree. 2½ ft., $2.50.

Betula—The Birches

The Birches are distinguished by their elegant, graceful appearance, silver-white bark, slender branches and light, airy foliage. They flourish in the poorest soils or most exposed situations and are imposing and handsome anywhere, especially when grouped with evergreens, against which their white winter outlines show to fine effect.

B. alba. EUROPEAN WHITE BIRCH. Quite erect when young, it begins to droop gracefully when 4 or 5 years old. Effective in all landscape views. 6 to 8 ft., 75 cts.

B. alba, var. fastigiata. PYRAMIDAL BIRCH. Equally or even more effective on account of its elegant pyramidal habit, similar to that of the Lombardy Poplar. 4 to 6 ft., 75 cts.

Betula alba, var. pendula laciniata. CUT-LEAVED WEEPING. See Weeping Trees and Plate I.

B. lenta. SWEET BIRCH. Our tall, symmetrical forest tree, with bronzed, aromatic bark and leaves. 4 to 5 ft., 50 cts.; 8 to 10 ft., $1.

B. lutea. YELLOW BIRCH. Similar; bark yellowish gray. 5 to 6 ft., 50 cts.; 6 to 8 ft., 75 cts.; 8 to 10 ft., $1.

B. nigra. RED BIRCH. American species; splendid habit, with reddish bark. Tree of moderate growth. 3 to 5 feet.

B. papyracea. PAPER, or CANOE BIRCH. Tall and exceedingly handsome, with large leaves and brilliant white bark. 6 to 7 ft., 75 cts.; 10 to 12 ft., $1.50.

B. populifolia purpurea. PURPLE BIRCH. Foliage dark, like purple beech. 3 to 5 ft., $1.

The Catalpas

These are all effective tropical-looking lawn trees that flower showily in July, when few other trees or shrubs are in bloom. Their leaves are large, glossy and heart-shaped, their long beans odd and interesting, their growth rapid.

C. bignonioides. Our showy, spreading southern native that grows like Jack's bean-stalk and spangles its great leaf masses with pyramidal flower-clusters a foot long. The flowers are white, with crimson flecks and yellow centers; very fragrant. 6 to 8 ft., 75 cts.

var. aurea variegata. GOLDEN CATALPA. Through spring and early summer the leaves are a bright golden color. Novel and attractive. 6 to 7 ft., $1.

var. purpurea. PURPLE CATALPA. The great leaves are a fine dark purple and hold their color well. A beautiful contrast for the green and the golden-leaved sorts. 6 to 7 ft., $1.

var. speciosa. WESTERN CATALPA, INDIAN BEAN. Taller and hardier than the other species, its quick growth and durable wood make it valuable for forest and timber planting. Blooms earlier than *C. bignonioides*, with flowers larger and whiter. Quite ornamental and tropical-looking. 6 to 7 ft., 50 cts.; 10 to 12 ft., $1.50. See Plate IV.

C. Bungei. CHINESE CATALPA. A curious dwarf that grows but 8 or 10 feet high and twice as broad. Top-grafted on tall stems, it is quite as effective for lawn and terrace decoration as the tender and more expensive bay trees. Quite hardy. Grafted, fine heads, 6 to 8 ft., $1.25; 8 to 10 ft., $1.50. Illustrated on Plate XIV.

C. Kæmpferi. JAPAN CATALPA. Of medium growth, with distinct foliage, fragrant, showy clusters of white and purple flowers, and long, slender seed-pods that give it quite an odd appearance. 10 to 12 ft., $1.50; 15 ft., $2.50.

Fagus—The Beeches

These are hard-wooded trees of moderate growth, with sturdy, solid trunks, smooth gray bark and lustrous leaves disposed in horizontal masses. The landscape gardener finds them exceedingly valuable for lawn specimens, avenues and screens. The Purple, Cut-Leaved and Weeping Beeches are beautiful even when very young, and grow magnificent with age. Our stock has been root-pruned to make transplanting easy. Cut back severely when planting.

F. ferruginea. AMERICAN BEECH. Our noble forest native, easily distinguished by its light bark, fine spreading growth and symmetrical rounded head. On lawns it is usually allowed to branch close to the ground. 3 to 4 ft., $1; 5 to 6 ft., $1.50.

Fagus sylvatica. European Beech. Compact, of darker foliage that clings in rich russet masses through winter. 3 to 4 ft., trans., 50 cts. each, $5 per doz., $35 per 100; 4 to 5 ft., trans., 75 cts. each, $8 per doz., $50 per 100; 6 to 7 ft., $1 each.

var. incisa. Cut-Leaved Beech. A rare and handsome smaller tree, of erect fine free growth. The leaves are elegantly cut. 3 to 4 ft., $2. 4½ ft., $3.

var. pendula. Weeping Beech. Described among Weeping Trees. $2 to $3.

var. purpurea. Purple, or Copper Beech. Vigorous and elegant, with foliage changing from deep purple in spring through crimson in summer to purplish green in fall. Another fine tree for contrastive grouping. 5 to 6 ft., trans., $1 each, $10 per doz.; 6 to 8 ft., trans., $1.50 each, $15 per doz.; 8 to 9 ft., trans., $2 each, $20 per doz.

var. purpurea rosea marginata. Tricolored Beech. A charming variety, having purple leaves margined rose. Novelty. Give a shaded position or its leaves will burn. 2 to 3 ft., $2.

var. purpurea Riversii. Rivers' Purple Beech. *The finest of all purple-leaved trees.* When a large-growing tree with purple foliage is wanted, nothing equals this. Though it varies in intensity of color, from early spring until late fall the leaves are always a rich shade, sometimes crimson, sometimes almost black. 3 to 4 ft., $1.25; 4 to 5 ft., $1.75; 5 to 7 ft., $2.50.

Fraxinus—The Ashes

These are hard-wooded trees, that require severe pruning when transplanted. All are more or less characterized by large growth and light foliage, but there is a wide difference in the species. They are valuable for street and park planting, for lawns, drives, etc.

F. alba. American White Ash. Its broad, ovate head, straight clean trunk and quick growth make this just the tree for parks, large public grounds, or for street planting. The leaves are pinnate and light green. Valuable also for timber and forestry. 7 to 8 ft., 50 cts.; 10 to 12 ft., $1.50; 16 ft., $3.

var. sambucifolia. Black Ash. Of medium size; has elegant leaves. 10 to 12 ft., $1.50; 12 to 14 ft., $3.

F. excelsior. European Ash. Taller and rounder-topped than the American, with larger darker leaves, gray bark and black buds. 8 ft., 50 cts.; 10 to 12 ft., $1.50; 16 ft., $3.

F. ornus. European Flowering Ash. A similar tree of smaller growth, that produces large clusters of greenish white flowers on the ends of the branches in June. 8 to 9 ft., 75c.

Pyrus—Mountain Ash

P. sorbus aucuparia. European Mountain Ash. A small, pretty tree, with pinnate leaves, laden until winter with large clusters of red berries. Examine for borers in spring and autumn. 6 ft., 50 cts.; 8 ft., 75 cts.

P. sorbus aucuparia, var. quercifolia. Oak-Leaved. A handsome dwarfer form; leaves oak-shaped. 5 to 6 ft., 75 cts.

Trees will flourish in almost any good farm soil. The kind of land for trees is of less importance than its proper preparation. It should be well drained, either naturally or artificially—well manured and thoroughly worked before planting. If you would have the best results, prepare the ground carefully. If you are not ready to plant trees immediately upon their arrival, they should be unpacked at once and heeled-in. That is, place them in an upright position, or nearly so, and cover the roots thoroughly with well-pulverized soil; press this firmly around them, and they can remain thus for a long time without injury.

The Magnolias

Their lavish profusion of large and beautiful flowers, their fragrance, richness of foliage and stately, tropical aspect place the Magnolias easily first among flowering trees. As lawn specimens, or bordering the lawn with an evergreen background they show to fine advantage. Planted in groups, their spring inflorescence is grand beyond description. They begin to bloom while yet small shrubs, as shown in the photo-engraving of a young specimen of *M. Soulangeana* on Plate IV.

To insure success they should be planted in spring, with their fibrous roots carefully preserved from wind and sun during removal. Almost any good soil suits them, but they like best one that is warm, rich and moderately moist. Our stock of all these varieties is fine and well rooted.

A. acuminata. CUCUMBER TREE. This tallest species is very hardy and thrives in nearly all soils. It grows rapidly into a fine, pyramidal tree 60 to 90 feet high and bears large creamy yellow flowers in midsummer. The fruit-cones are large and cucumber-shaped, turning crimson in autumn. A fine avenue tree. 4 to 6 ft., 50 cts.; 7 to 8 ft., $1.

M. conspicua. CHINESE, or YULAN MAGNOLIA. The flowers are great white cups 4 to 5 inches deep, that cover the tree thickly in April, before its leaves appear. A very choice and showy species, shrub-like when young, but gradually forming a medium-sized tree. 3 to 4 ft., $2.

M. glauca. The pretty "Sweet Bay" of our swamps. The pure white flowers appear in June and are very fragrant; the leaves glossy, laurel-like, almost evergreen. 2 to 3 ft., 75 cts.; 3 to 4 ft., $1.

M. grandiflora. GREAT-FLOWERED MAGNOLIA. This broad-leaved southern evergreen, the finest species of all, flourishes in favored positions as far north as Pennsylvania. Its flowers are deep broad cups of waxen white; they are deliciously fragrant, and begin to appear while the tree is quite small. 2 to 3 ft., $1.50.

M. Kobus. JAPAN MAGNOLIA. Tree bushy, of medium size; flowers blush-white, fragrant, in April. 4 to 6 ft., $2.

M. Lennei. A rare, superb sort, with heavy foliage and large flowers, dark rose or purple without, pearly white within. Late April. 2 to 3 ft., $2.

M. macrophylla. LARGE-LEAVED MAGNOLIA. Flowers white, 8 to 10 inches across, very fragrant. Leaves 2 to 3 feet long. A rare, tropical-looking tree of medim size. Blooms in June. 4 to 5 ft., $1.50; 5 to 7 ft., $2.

M. Norbertiana. Handsome and tree-like, with reddish purple flowers of large size, in late April. 2 to 3 ft., $2.

M. stellata. HALL'S JAPAN MAGNOLIA. Dwarf and shrubby. Its pure white, semi-double flowers are quite fragrant and produced in April, earlier than those of other varieties. Still new and scarce. 2 ft., $2; 3 to 4 ft., bushy, $4.

M. Soulangeana. Similar to Conspicua. Flowers white and purple, 3 to 5 inches across, borne a little later, yet before its leaves, which are massive and glossy. Among the hardiest and finest of foreign Magnolias. 3 to 4 ft., $1.50; 5 ft., $2.

M. tripetala. UMBRELLA TREE. A hardy tree of medium size, with large white flowers in June. The crimson fruit-cones are quite handsome; the leaves are disposed in whorls around the stems. 4 to 5 ft., 75 cts.; 5 to 6 ft., $1; 6 to 8 ft., $1.50.

The very dwarf and shrubby Magnolias are described under Hardy Shrubs.

Populus—The Poplars

As a class, the Poplars grow fast, cost little and are quickly effective. For lawn shade, for groups or hedges to immediately screen disagreeable views, for planting in the sand of seaside resorts, and for street planting on rich, moist soil they are always satisfactory. The tall, spiral forms are important factors in landscape making.

P. alba (*P. argentea*). An improvement on the Abele or Silver-Leaved Poplar (which it much resembles), from the fact that it does not sucker as objectionably as the older variety. 6 to 8 ft., 50c.

var. Bolleana. Of pyramidal growth, like the Lombardy, but not so slender, and, like it, valuable in landscape grouping. 5 to 6 ft., 75 cts.

P. fastigiata. LOMBARDY POPLAR. The obelisk form of this tree always attracts the eye and is valuable for breaking the monotony of ordinary round-headed trees. Lawn groups of it are very striking. At Newport it is planted thickly in the form of a tall hedge and thus forms a useful screen to shield houses from stables and objectionable views. 8 to 10 ft., 50 cts.; 10 to 12 ft., 75 cts.; 12 to 14 ft., $1.50 to $2.

P. monolifera. CAROLINA POPLAR. Of rapid growth. Very desirable where quick shade is wanted. Thrives where other sorts fail. 10 to 12 ft., 75 cts.; 12 to 14 ft., $1.25 to $2.

Quercus—The Oaks

No other class of trees is so majestic and enduring, or so varied in expression. Since the erroneous impression about their slow growth has been dispelled the demand for them exceeds the supply. Their great vigor and hardihood enables them to withstand the drought of hillsides, the caustic influences of sea spray, the unnatural conditions of city streets and other similar hardships. For wide lawns, parks, public grounds, avenues, etc., where there is room for development, few trees are so imposing. Nursery-grown oaks, frequently transplanted and properly pruned, are not difficult to establish. Our stock is in prime condition, with straight trunks and good masses of fibrous roots. Prune severely when planting.

Q. alba. AMERICAN WHITE OAK. This noblest of our forest trees retains its vigor and increases in grandeur for centuries, and there are notably fine specimens all through the Eastern states. 3 to 4 ft., trans., 75 cts. each, $8 per doz.; 4 to 5 ft., trans., $1 each, $10 per doz.; 6 to 7 ft., trans., $1.75 each, $20 per doz.

Q. cerris. TURKEY OAK. This is a remarkably handsome ornamental sort, beautiful for lawns. It forms a medium-sized tree of thick, dense growth. The acorn-cups are mossy; the leaves are finely lobed and remain deep green until destroyed by frosts. 6 to 8 ft., trans., $1 each, $9 per doz.

Q. coccinea. SCARLET OAK. Tall, pyramidal; especially valued for the sparkling red of its autumn foliage. 4 to 5 ft., trans., 75 cts. each, $7 per doz.; 5 to 6 ft., trans., $1 each, $10 per doz.

Q. macrocarpa. MOSSY-CUP OAK, BUR OAK. Of massive, open growth, with large, heavy leaves and deeply corrugated bark. The cups of the large acorns are curiously fringed with gray moss. Among the noblest and most impressive of all the species. 4 to 5 ft., trans., $1 each, $10 per doz.; 5 to 6 ft., $1.50 each, $15 per doz.; 6 to 7 ft., $2 each, $20 per doz.

Quercus palustris. **PIN OAK.** This is considered the most beautiful of all the Oaks, and is certainly the most popular for street and park planting. As the tree grows the branches droop until the lower ones touch the ground, giving it a peculiarly beautiful ovate outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the fall. The avenues of Pin Oaks, in Fairmount Park, Phila., and at Dosoris, L. I., are greatly admired. See Plate III.

	Each	Doz.	100
5 to 6 feet, trans.	$0 50	$5 00	$45 00
6 to 7 feet, trans.	75	7 50	50 00
7 to 8 feet, trans.	1 00	9 00	60 00
8 to 9 feet, trans.	1 25	10 00	75 00
9 to 10 feet, trans.	1 50	14 00	100 00
10 to 11 feet, trans.	1 75	18 00	125 00
10 to 12 feet, low, branched	$3, $4 and $5 each		
10 to 12 feet, larger caliper	$8, $10 and $15 each		

Q. prinus. **CHESTNUT OAK.** Native to dry situations; of tall and beautiful growth. The leaves are shaped like a chestnut's. 3 to 4 ft., trans., 75 cts. each, $8 per doz.; 4 to 5 ft., trans., $1 each, $10 per doz.

Q. robur. **ROYAL OAK OF ENGLAND.** A stately ornamental tree of moderate growth. The acorns are large, the leaves long and much divided, quite different from those of our native sorts. Grand for lawns and avenues; thrives along the seacoast. 6 to 8 ft., trans., 75 cts. each, $8 per doz., $60 per 100; 8 to 10 ft., trans., $1 each, $10 per doz., $75 per 100; 10 to 12 ft., trans., $1.75 each, $18 per doz; large specimen trees, $3 to $5 each.

var. concordia. **GOLDEN ENGLISH OAK.** A rare variety of medium growth, with bright yellow foliage in spring and early summer. Healthy and hardy. One of the best yellow-foliage trees. 3 to 4 ft., $1.50 each.

Q. rubra. **AMERICAN RED OAK.** Very large in stature and leaf, and unusually quick in growth. The young shoots and leaf-stems are red, the foliage purplish crimson in autumn. 4 to 5 ft., trans., 75 cts. each, $7 per doz.; 5 to 6 ft., trans., $1 each, $10 per doz.; 8 to 10 ft., trans., $2 each, $20 per doz.

Q. phellos. **WILLOW-LEAVED OAK.** This species has narrow leaves, like a willow's, and much of the grace of that tree. It grows rapidly and forms a fine specimen lawn tree. A rather rare sort that is always attractive. 3 to 4 ft., trans., $1.25 each, $12 per doz.; 4 to 5 ft., trans., $1.50 each, $16 per doz.

Salix—The Willows

This is a large and varied group, found very useful for lawns, water-side planting, shade and quick screens. The species transplant readily, grow well in all soils, even along the seacoast, and quickly form good-sized trees. The bright bark and twigs of some sorts are very beautiful in winter.

S. alba vitellina. **GOLDEN-BARKED WILLOW.** Greatly valued for the winter effect of its bright golden bark, and especially showy when planted in large groups. Should be severely trimmed every winter to produce a strong growth. 5 to 6 ft., 50 cts.

S. Babylonica. Described among Weeping Trees. 75 cts. to $1.

S. pentandra. **LAUREL-LEAVED WILLOW.** Leaves broad, dark green, very glossy, so that sunlight makes it the most conspicuous of green trees. It is a valuable tree for narrow streets or similar situations, seaside planting, tall hedges, and can be clipped to standard form, like a bay tree. The bark is bright green in winter. 4 to 6 ft., bush form, 35c.; 6 to 7 ft., tree form, 50c.

S. rosmarinifolia. **ROSEMARY WILLOW.** Quite an effective dwarf ornamental tree, with rounded head, slender twigs and small silvery leaves. Grafted on straight stems they form elegant little miniature trees that produce charming effects in gardening. 2-yr. grafts, 5 to 6 ft., 75 cts.; young trees from cuttings, 25 cts.

S. regalis. **ROYAL WILLOW.** A fine tree, with rich silvery foliage. Effective in groups. 4 to 5 ft., 40 cts.

Tilia—The Lindens

These are among our best large-growing street and avenue trees. They make a strong, rapid growth, form noble heads of rounded outline, and cast a dense, cool shade. Their light yellow flowers have a delightful citron odor and are much loved by the bees. The leaves are large and cordate.

T. Americana. AMERICAN LINDEN, or BASSWOOD. Of splendid form and stature, larger and more open-headed than the others, with larger leaves. Will grow also in low places. 8 ft., 75 cts.; 9 to 10 ft., $1.25; 11 to 12 ft., $1.50; 12 to 14 ft., $2.50.

var. argentea. The beautiful SILVER-LEAVED LINDEN, noticeable in any grouping for the white appearance given by the downy, lime-white lining of its leaves. "No summer odor is quite so fresh and uncloying as that of the blossoming Lime. No wonder the honey made from it is the finest in the world." 8 ft., $1.50; 9 to 10 ft., $2.

var. pendula. See Trees of Drooping Habit. $1.50.

var. platyphylla. BROAD-LEAVED EUROPEAN LINDEN, or LIME. A handsome tree of fine proportions, with leaves larger and rougher than the above. One of the very finest species. 8 ft., 75 cts.; 9 to 10 ft., $1.25; 10 to 12 ft., $1.75.

var. pyramidalis. Pyramidal and symmetrical; leaves prettily cut; branches and shoots quite red. 2 to 3 ft., 50 cts.

Ulmus—The Elms

In landscape planting the Elm is the most generally useful of all our trees. Its branches spread in grand gothic lines and are followed by a heavy drooping fringe of twigs. Where given room to develop it forms majestic specimens of gigantic size and retains its beauty and vigor almost as long as the oaks. All the Elms grow rapidly.

U. Americana. AMERICAN ELM. There is no finer tree, on an extensive scale, for wide lawns, parks, public grounds, and avenue planting. It is graceful and beautiful to a wonderful degree and quite untroubled by the beetles that molest some foreign sorts. 8 to 10 ft., $1 each, $10 per doz., $75 per 100; 10 to 12 ft., $1.50 each, $15 per doz., $100 per 100; 12 to 14 feet, $2; 14 to 16 feet, $3 to $4.

U. campestris. ENGLISH ELM. Equally fine and imposing but has a more open top, smaller, more regularly cut leaves, darker bark and heavier twig fringes. A substantial and valuable tree for parks. 8 to 9 ft., $1; 10 to 12 ft., $1.50; 12 to 15 ft., $2.50.

U. montana pendula. CAMPERDOWN WEEPING ELM. Described under Trees of Drooping Habit. $1.50.

ALL FRUIT AND SHADE TREES should be trimmed when they are planted. Cut back the previous year's growth one-half its length at least; frequently it is best to remove even more than this in standard trees, in order to form rounded or low pyramidal heads. Trim dwarf trees into pyramids, with the lowest branches not more than 2 or 3 feet from the ground; prune all bruised or broken roots. Our trees reach purchasers with roots well protected and we cannot too greatly emphasize the importance of keeping them protected as much as possible while they are out of the ground. See also pages 7 and 14.

Hardy Trees for General Planting

ACACIA Julibrissin. MIMOSA TREE (*Albizzia Julibrissin*). A low, spreading tree, with pretty clusters of pink flower-heads and feathery, sensitive foliage. The hardiest as well as the most curious and showy of the Acacias. $1.

ÆSCULUS. THE HORSE-CHESTNUTS. These beautiful trees are among the first to show their leaves in spring and in May are dense rounded pyramids of deepest green, spangled by large, upright panicles of showy white or red flowers. They are hardy, vigorous, free from insects and beautiful for lawns or streets. **Æ. Hippocastanum,** EUROPEAN WHITE-FLOWERED, 4 to 6 ft., 50 cts.; 7 to 8 ft., $1; 8 to 9 ft., $1.50; 9 to 10 ft., $2.

Æ. rubicunda. RED-FLOWERED HORSE-CHESTNUT. Richly colored flowers. 2 to 3 ft., 50 cts.

AILANTHUS glandulosus. TREE OF HEAVEN, CHINESE SUMACH. An extremely quick-growing tree of tropical appearance that thrives well anywhere. The pinnate leaves are long, feathery and elegant. 6 to 8 ft., 75 cts.

AMELANCHIER Canadensis. SERVICE BERRY. Also known as June Berry and Shad Blow. Finest of the very early-flowering trees. Small and slender, covered in early April with a thick cloud of drooping white flowers that render it very conspicuous and showy among the other bare trees. 3 to 4 ft., 50 cts.

ALNUS. THE ALDERS. These grow quickly and equally well on dry or damp soils. They are of fine symmetrical habit, and especially useful for planting in wet places where other trees will not grow. **A. glutinosa,** EUROPEAN ALDER, 8 ft., 50 cts.; 12 ft., $1; 14 ft., $1.50. **A. incana,** SPECKLED ALDER, 6 to 7 ft., 50 cts.; 12 ft., $1; 14 ft., $1.50. The CUT-LEAVED ALDER is a beautiful little ornamental tree with deep cut, fern-like leaves. 2 to 3 ft., 75 cts.

ANDROMEDA arborea. SORREL TREE. Medium sized. Pyramidal tree, the young foliage tinged with bronze. Flowers borne in long racemes in June. Autumnal tints are very brilliant. 4 to 6 ft., $1.

ARALIA spinosa. HERCULES' CLUB. A small tree of singular and tropical aspect. It has pinnate leaves, prickly stems and immense panicles of white flowers in August. Valuable for large, odd-looking clumps. 2 to 3 ft., 40 cts.; 5 to 7 ft., 75 cts.

CARPINUS betulus. EUROPEAN HORNBEAM, IRONWOOD. Grown to one stem this makes a small, spreading tree; also useful as a hedge or screen from its thick growth and habit of retaining its dry leaves in winter. Sometimes called Blue Beech. 3 to 4 ft., 50 cts.; 5 to 6 ft., 75 cts.

CARYA and CASTANEA. HICKORY and CHESTNUT. See Nut Trees.

CERASUS. THE CHERRIES. **C. avium fl. pl. alba,** the DOUBLE WHITE-FLOWERING CHERRY. This is a remarkably beautiful tree in May, when its fine white flowers appear in such thick drifts as to entirely conceal the branches. 6 to 7 ft., 75 cts. **C. serotina,** or **Prunus serotina,** the WILD BLACK CHERRY, is the large and valuable timber tree of our forests, also useful for ornamental planting. Its flower racemes are white and fragrant, its leaves glossy, its fruits black. Valuable for grouping either in bush or tree form. 6 to 8 ft., 50 cts.; 8 ft., 75 cts.

CERCIS. THE JUDAS, or RED-BUD TREES. Very early in spring the leafless branches and twigs of these trees are clothed in a thick mist of the delicate deep pink flowers. Grouped with Chinese Magnolias that also bloom about this time, they produce fine effects; or as single speciments planted against dark evergreens they are very beautiful and showy. The radiant flower-masses are followed by large, glossy, cordate leaves.

C. canadensis, AMERICAN RED-BUD, 3 to 4 ft., 50 cts.; 4 to 5 ft., 75 cts. **C. Japonica,** or JAPAN JUDAS, dwarfer, with flowers larger and more brilliant. A choice and valuable small tree. 1 to 2 ft., 75 cts.; 2 to 3 ft., $1.

PLATE III — Pin Oaks on lawn (See page 10)

White-Flowering Dogwood (See page 13)

Magnolia Soulangeana (See page 8)

Catalpa speciosa (See page 6)
See also Plate XIV for Catalpa Bungei

PLATE IV

CORNUS. THE DOGWOODS. These bloom after the red buds, carrying their great white or red flowers in horizontal masses. They are rated next to the magnolias as spring-flowering trees and next to the scarlet oak in brilliant autumn foliage. For planting in quantity with shrubs for screens, or under and among larger trees, nothing could be finer. **C. alternifolia** is very distinct. It has clustered white flowers, dark blue fruits, and its irregularly whorled branches form flat, spreading tiers. 5 ft., 75 cts. **C. florida,** the WHITE-FLOWERING DOGWOOD, is shown in Plate IV. 3 to 4 ft., 50 cts.; 4 to 5 ft., 75c. **C. f. rubra,** the RED-FLOWERING, is a new and rare sort that blooms at an even earlier age. 4 ft., $1.25; 5 ft., $1.75; 6 to 8 ft., $2.50.

CRATÆGUS. THE FLOWERING THORNS. These bloom in May and are much admired. They are quite hardy and thrive in any dry soil; are low, dense and neat in growth, and their fragrant flowers are borne in luxuriant masses. We offer four double varieties of **C. oxyacantha,** the famous ENGLISH HAWTHORN: **Paul's Scarlet,** 3 ft., **Double Rose, Double White, Double Red,** 4 to 5 ft., all at $1 each, $9 per doz. When grouped together the contrasts are exceedingly fine.

GYMNOCLADUS canadensis. KENTUCKY COFFEE TREE. An old tree of medium size, with blunt shoots and pinnate leaves, of bluish green. The greenish white flower panicles are followed by large seed-pods. Thrives under very adverse conditions. 2 to 3 ft., 25c.; 5 to 6 ft., 75c.

GINKGO biloba. MAIDENHAIR FERN TREE. This remarkable tree is a deciduous member of the Pine family, yet its leaves are shaped like the pinnæ of our rarest ferns. It has a distinguished foreign air, and an odd, sketchy outline. The trunk is a tapering shaft, the growth columnar when young, spreading with age. The Ginkgo avenues of Washington are famous. 5 to 6 ft., trans., 75 cts. each, $8 per doz.; 6 to 8 ft., trans., $1 each, $9 per doz.; 8 to 10 ft., $2 each, $20 per doz.

GLEDITSCHIA Inermis. THORNLESS HONEY LOCUST. A fine graceful tree, like the Three-Thorned Honey Locust, but thornless. 8 to 10 ft,, $1; 10 to 12 ft., $1.50.

JUGLANS. THE WALNUTS. Some of these are quite ornamental. They are described among Nut Trees.

KŒLREUTERIA paniculata. In springtime, few ferns are prettier than the leaves of this tree; in midsummer, when tree and shrub bloom is rare, it has panicles of showy yellow flowers a foot long; in fall its leaves are richest crimson; in winter the characteristic growth and sky-outline are particularly striking. One of our most beautiful small trees, striking and attractive at all seasons. 2 to 3 ft., 25 cts.; 4 to 6 ft., 75 cts.

LARIX Europæa. EUROPEAN LARCH. A conifer with deciduous, needle-like leaves; bright green very early in spring and clear yellow in autumn. Grows rapidly into a tall, pyramidal tree, with gracefully drooping branches. 4 to 6 ft., 75 cts.; 6 to 8 ft., $1.25.

LIQUIDAMBAR styraciflua. SWEET GUM, or BILSTED. This fine tree is a pretty ornament for any grounds, and grows well anywhere, even in low, wet places. It has curious seed-balls, rough, corky bark, and glossy, star-shaped leaves that color to sparkling tints of red in autumn. 4 to 5 ft., 75 cts.; 6 to 7 ft., $1; 8 to 10 ft., $1.50; 12 ft., $2.50.

LIRIODENDRON tulipifera. TULIP TREE. A magnificent native tree of rapid, tall and pyramidal growth. It is allied to the magnolias and almost as showy in leaf and flower. The bloom is a great tulip-like cup of pale yellow and rich orange; the leaf is large, glossy and oddly-shaped. 7 to 8 ft., 75 cts.; 8 to 10 ft., $1.50.

MORUS. THE MULBERRIES. Prices and descriptions on page 15 and among fruits.

PAULOWNIA imperialis. EMPRESS TREE. A magnificent large tree of tropical appearance. The handsome purplish flowers stand in erect panicles a foot long; the great leaves frequently measure 18 inches across. When cut back every year in tropical bedding they are even larger. 5 to 6 ft., 75 cts.

PERSICA. Double-Flowering Peaches. We cannot too highly recommend these rarely beautiful little trees which wrap themselves in such rich clouds of bloom very early in spring. We offer three varieties which contrast finely when grouped, and, blooming before other trees have started, are very showy: Pink and Red-Flowered and Purple-Leaved, 75 cts. each.

PLATANUS orientalis. Oriental Plane Tree. Grows rapidly to grand size, is bold, picturesque, hardy, healthy and free from disease. A favorite for streets, avenues and planting along the water's edge. See Plate I.

	Each	Doz.	100
5 to 6 feet	$0 40	$4 00	$30 00
6 to 8 feet	60	6 00	40 00
8 to 10 feet	1 00	8 00	65 00
10 to 12 feet	1 50	15 00	100 00

PTELEA. The Hop Trees. **P. trifoliata** is a pretty, shrub-like tree that bears clusters of white flowers in June, followed by showy hop-like seed clusters in fall. 4 to 5 ft., 35 cts.

P. t. aurea, the Golden Hop Tree, is highly valued for the sunny golden green of its leaves, which is constant through summer. 3 ft., 50 cts.

PYRUS. The Double-Flowering Crabs. For these we ask especial attention as among the most beautiful of all our flowering trees. **P. angustifolia**, Bechtel's New American, is a choice tree of medium size, hardy, sturdy, free from disease, and covered in early spring with a mass of double, rose-like flowers of a delicate pink color and most delightful fragrance. Blooms when quite young. 2 to 3 ft., $1. **P. malus Parkmanni**, Parkman's Double-Flowering, is an elegant little Japanese dwarf, with long-stemmed semi-double flowers of dark rose-color completely wreathing its branches. The slender buds are of tea-rose shape, borne in clusters of five and quite fragrant. 2 to 3 ft., 75 cts.

RHUS. Sumacs, Smoke-Trees. Their luxuriant pinnate foliage gives a tropical suggestion to the lawn and their autumn colors are unusually brilliant. **R. cotinus**, the Smoke-Tree, is quite different from the others. In midsummer its curious, filmy flowers envelop the tree in a thick mist that is especially pretty among evergreens. 4 to 6 ft., 75 cts.

R. cotinus atropurpurea. A purple form of the above. 2 to 3 ft., 50 cts.

R. glabra laciniata, the Cut-Leaved Sumac, a rare little tree with long, deeply-cut, fern-like leaves. Beautiful for grouping. 2 to 3 ft., 50c.

R. Osbeckii, a larger species, is used in the same way. 4 to 6 ft., $1.

STYRAX Japonica. A neat little tree that makes a fine display in early June when hung full of its white bells. Especially valuable for small yards and cemetery lots. 3 to 4 ft. 50 cts.; 4 to 5 ft., $1.

TAXODIUM distichum. Deciduous Cypress. A tall, tapering tree, with fleecy foliage of a light cheerful green. It grows rapidly and thrives in damp or dry soils. Very beautiful when in full leaf. Popular for cemetery planting and lawn specimens. 5 ft., 75 cts.; 7 ft., $1; 8 ft., $1.50.

VIRGILIA lutea. Yellow-Wood (Syn., *Cladrastis tinctoria*). Of medium height, with smooth, light bark, graceful branches and drooping racemes of white, wistaria-like flowers. 3 to 4 ft., 75 cts.

Do not unpack trees in freezing weather. If they are received in a frozen condition, or in freezing weather, keep them in a cool situation but free from frost, until they are perfectly thawed. If deciduous trees are miscarried or delayed, so as to become dried or shriveled, bury them completely, roots, trunks and branches, and let them remain six or eight days before planting. The puddling of the roots of all trees and plants in a thin mud before planting is a most excellent practice, and ought to be more generally adopted. Remove all the label wires from the trees, that they may not cut or destroy the branches. Preserve a record of the names and order of the varieties in a book; it will be a benefit and satisfaction in the future. To ascertain the number of trees or plants required to plant an acre, multiply together the distances each way the plants are to be set, and divide 43,560 (the number of square feet per acre) by the amount.

TREES OF DROOPING HABIT

THE landscape artist finds trees of this character especially valuable for contrast and variety of form. They form cool green tents and arbors for summer, which make delightful playgrounds for children, and they are also popular for cemetery planting. We can furnish large specimens of nearly all varieties. Among the Evergreens, pages 18 to 25, are other trees of curious weeping form, of which we offer good specimens in nearly all the varieties.

BETULA. THE BIRCHES. See page 5. **B. alba pendula laciniata**, the **CUT-LEAVED WEEPING BIRCH** (Plate I), is a tree of wonderful grace and beauty, tall, slender and vigorous, keeping its upright form until of considerable size. The bark is silvery white, the leaves delicately cut. A favorite tree for lawn groups, specimens and cemetery planting. 6 to 7 ft., $1; 7 to 8 ft., $1.50. **B. pendula elegans**, the **ELEGANT WEEPING BIRCH**, is a rare new form and is of especial beauty. 3 to 4 ft., $1.25. **B. pendula Youngii** is naturally one of the trailing sorts, and when grafted on good stems makes one of our handsomest drooping trees. The shoots are fine and thread-like. 4 to 5 ft., $1.25.

CERASUS Japonica rosea pendula. JAPAN WEEPING CHERRY. The slender branches of this pretty little tree are wreathed in rosy pink buds and flowers before its leaves appear, draping it quite to the ground with rich bloom masses. One of the finest pendulous trees for lawns or small gardens. $1.50.

CORNUS florida pendula. WHITE WEEPING DOGWOOD. The leading shoot grows upright; the branches droop gracefully. 4 to 5 ft., $1.50.

FAGUS sylvatica pendula. WEEPING BEECH. A large, remarkably vigorous tree of curious, picturesque growth. Its tortuous, down-sweeping branches make rich fountains of foliage and give the tree a very unique effect. Valuable for breaking the monotony of regular-topped trees; always excites admiration and interest. 3 to 4 ft., $1.50; 4 to 5 ft., $2.

FRAXINUS excelsior pendula. WEEPING ASH. Of rapid growth for a weeping tree, spreading over wide spaces. 6 to 8 ft., $1.50.

MORUS Tatarica pendula. TEAS' WEEPING RUSSIAN MULBERRY. Of symmetrical umbrella shape; foliage glossy and handsomely cut. The branches sweep the ground in shining lengths. 2-yr. heads, $1; 3-yr. heads, $1.50. See Plate V.

PYRUS aucuparia pendula. WEEPING MOUNTAIN ASH. A singular tree, with straggling drooping branches, laden in autumn with clusters of red berries. Extra large heads, $1.

SALIX. THE WILLOWS. The weeping species are noted for grace, hardiness and quick growth. **S. Babylonica**, the most familiar species, is the willow of the Bible. It grows to grand size and is green very early in spring. 6 to 8 ft., 75 cts.; 8 to 9 ft., $1. **S. caprea pendula, KILMARNOCK WILLOW**, is a curious umbrella-shaped form that seldom grows much taller than where grafted. It has beautiful catkins early in spring. 2-yr. grafts, 75 cts.; 3-yr. grafts, $1. **S. purpurea pendula**, the **NEW AMERICAN WEEPING** form, is of beautiful fountain shape. It forms a fine, globular head. 2 yrs., 75 cts.; 3 yrs., $1.

TILIA alba pendula. SILVER-LEAVED WEEPING LINDEN. To the finer characteristics of the upright form (page 11), this tree adds a graceful drooping habit. 5 to 7 ft., $1.50.

ULMUS Camperdown pendula. CAMPERDOWN WEEPING ELM. Unusually picturesque and strong-growing. The large glossy leaves form a cool and beautiful green tent. 5 to 6 ft., large heads, $1.50.

Specialties at Glenwood Nurseries

WHILE the stock at Glenwood offered this spring of 1902 is of unusual excellence and variety, and especially notable for the care with which it has all been grown and cultivated, there are some items to which it is deemed best to call especial attention. These trees and shrubs are all particularly available for immediate planting and effect, and include the best things.

Maples. Our trees of both SUGAR and NORWAY MAPLES are exceptionally fine. They have been grown far apart, and frequently transplanted and root-pruned. See page 4.

The JAPANESE MAPLES (see Plate II) we have in great variety, with specially good specimens of the dark-leaved sorts. See page 5

Oaks. The old idea that an Oak cannot be grown to respectable size and to decorative effect in an ordinary lifetime has been exploded. Vigorous, healthy, well-nurtured trees, properly handled, give a prompt, fine and permanent effect. Our trees of all the best sorts are very fine.

We mention especially the PIN OAK, the most rapid in growth, and satisfactory in effect. It is a magnificent tree for avenues, parks and lawns. Plate III shows lusty young trees on a lawn. See page 10.

Andromeda arborea, or Sorrel Tree, is a most desirable lawn tree or large shrub. See page 12.

Catalpa Bungei, with its rounded head and rich tropical leaves on tall stems, is exceedingly effective on the lawn (See Plate XIV). We have a large supply of superb specimens. See page 6.

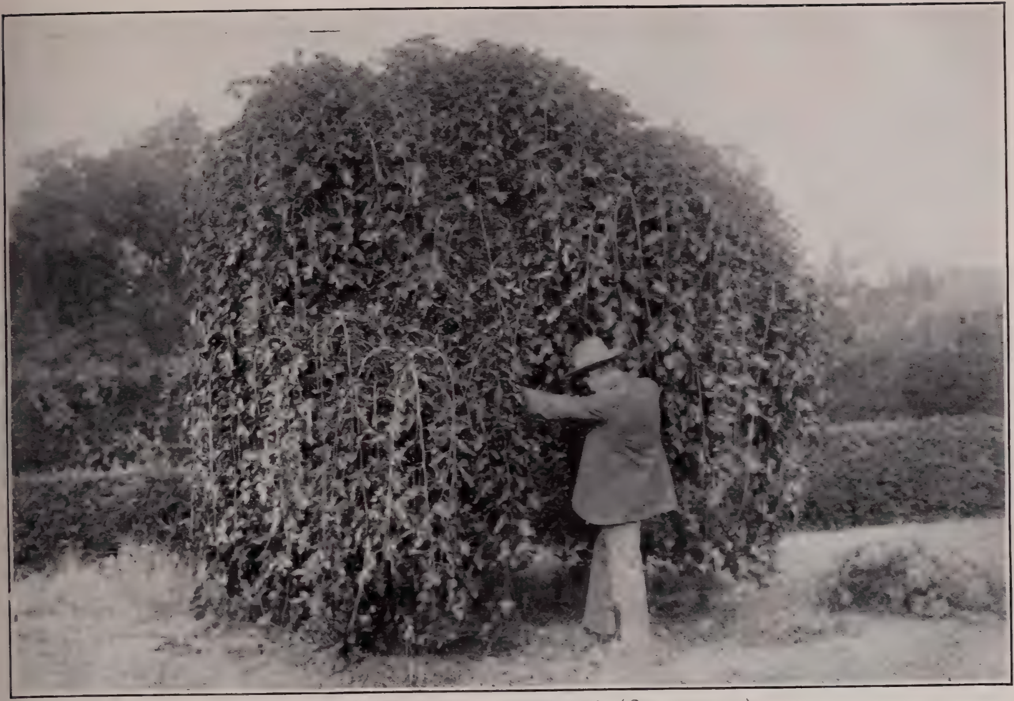
Cut-leaved Weeping Birch, a most graceful and delicate tree, is effective from the start. Our trees are in fine shape. See page 6.

Purple Beech gives a distinct color note on the lawn, and forms a most beautiful rounded head. We have perfect specimens. See page 7.

Dogwoods are wonderfully effective. We have fine trees of both white- and red-flowering sorts. See pages 13, 15 and 28.

Ginkgo, or Salisburia, the "Maidenhair Fern Tree," is of peculiarly effective character. It makes an ideal avenue tree. See page 13.

Oriental Plane, or European Buttonwood, is among the very best trees of rapid growth. It gives a quick effect, and is most desirable. We have an exceptionally fine stock. See page 14.



Weeping Mulberry, at Glenwood (See page 15)

Golden Retinospora (See page 22)

PLATE V

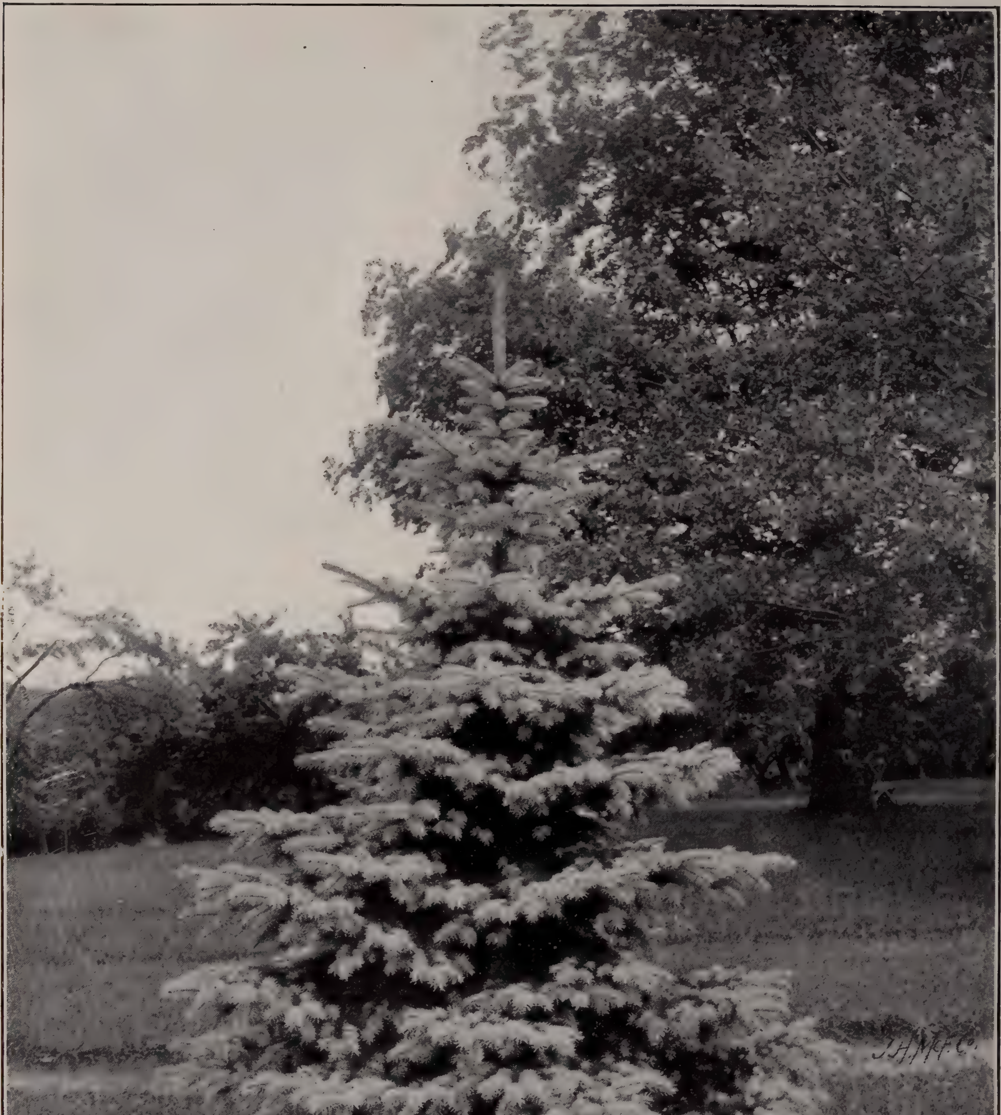


PLATE VI— Colorado Blue Spruce (See page 20)

Hemlock Spruce is the most graceful of all the coniferous evergreens. It is valuable either for single specimens, to form groups on the lawn, or to be used as a hedge plant. We have a great stock in the sizes from 2 to 3½ feet. See page 19.

Koster's Blue Spruce, an especially fine variety of the Colorado Blue Spruce, is a tree of most notable beauty. Our specimens, from 2 to 3½ feet, are shapely and good, and of the richest light blue hue. See page 20.

Tree Box, trained to either the BUSH or PYRAMIDAL form, is now used to give certain formal effects, for which its hardiness and evergreen foliage make it especially suitable. We have a fine stock. See page 24.

Dwarf Box for edging is again largely used. Our stock is first-class. See page 24.

Retinosporas are perhaps the most elegant in appearance of any of the coniferous evergreens. Their feathery foliage and distinct coloring both recommend them. AUREA, of a fine golden effect; PLUMOSA, with delicate twigs, and SQUARROSA, a form of a blue tinge, are among the best. See page 22.

Azalea amoena. Of this splendid low-growing flowering shrub we have certainly the largest and finest stock in the United States. The opportunity to secure this plant in quantity does not often occur. See page 26.

Rhododendrons. Great attention is now being paid to both the native and exotic forms of these magnificent evergreen shrubs. Of the native species, we are prepared to supply car-load lots for extensive planters. The choicest hybrids we have also in large variety. See page 26.

California Privet still maintains its popularity as the best hedge plant, either for free natural effects, or the more formal sheared results. Our stock is extensive in both 1- and 2-year-old sizes. See pages 30 and 38.

Hydrangea paniculata grandiflora is undoubtedly the one finest deciduous flowering shrub. It fits any situation and any form. We have the best possible plants. See page 30.

Magnolias should not be overlooked in any well-considered planting. On page 8 will be found a list of the best standard sorts, as well as mention of the newer Japanese varieties, KOBUS and STELLATA.

Teas' Weeping Mulberry is now grown to large size, to form a small summer-house or play-tent on the lawn. It forms a most conspicuous ornament. See page 15.

J. H. McF. Co.

Coniferous Evergreens

EVERGREENS are our great specialty. To grow and sell the finest in the United States has been our aim for over a quarter of a century. The successful transplanting and handsome growth of "Moon's Evergreens" have become proverbial, and the ever-increasing demand is both reward to past and incentive to further efforts.

The soil of Glenwood Nurseries is especially adapted to the growth of Evergreens, insuring fine, fibrous roots. Frequent root-pruning in midsummer and early autumn also contributes largely to their success when transplanted, and our method of shipping large specimen trees, with balls of earth and burlap coverings about the roots, practically insures fine growth when planted again. We recommend spring planting for all Evergreens, though successful plantings can also be made in August and September.

Evergreens cannot be valued by height alone. The shearings frequently given them are to reduce their height, and make them grow into beautiful symmetrical specimens. Their structural form and root-masses should determine the value of all trees and shrubs.

This fact makes it very difficult to describe Evergreens fully, and accounts for difference in prices where but slight difference in height occurs. We cannot too much emphasize the fact that buyers of large specimen Evergreens should, when at all practicable, visit the nurseries from which they contemplate buying. The central location of Glenwood Nurseries, as shown by the map on page 1, is thus an advantage that is yearly more appreciated.

Besides their recognized value as specimen trees, shelter belts, screens, hedges, etc., the tall Evergreens form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver-blue growths of smaller Evergreens. The landscape gardener doubles the effect of all these by giving each one its proper Evergreen foil.

With Evergreens of moderate growth beautiful effects are produced by planting close together in beds varieties that contrast finely. For such hardy beds of permanent color, the Retinosporas, Arborvitæs, Blue Spruces, etc., are particularly useful. Hotels and private houses also use them for filling window boxes and for pots in hallways, etc. The pyramidal forms of Arborvitæ, Yew and Juniper are preferred for this purpose.

If those who wish to plant largely will confer with us, we can offer special inducements on certain varieties in quantity. Our trees have been recently transplanted, and are remarkably well supplied with fibrous roots.

Abies—The Firs and Spruces

(INCLUDING PICEA AND TSUGA)

Evergreens of much elegance and dignity, with considerable variety in their tones of green and blue. The spruces have needle-shaped leaves scattered all around their shoots. The Firs have flatter leaves, mostly two-ranked. All are vigorous and hardy, especially our native species.

Abies alba. WHITE SPRUCE. A beautiful native tree of medium size, naturally dense pyramidal growth, and beautiful blue-gray color. Its lower branches are persistent, its beauty retained to old age. A favorite for tubs. 6 to 8 ft., $2.50.

A. canadensis. HEMLOCK SPRUCE. Our most graceful native Evergreen, retaining its dark, pure green color all winter, its elegance and vigor to extreme age. Unpruned its growth is open, free and drooping; when pruned it becomes very dense. Makes a beautiful specimen tree and a good hedge (page 38).

	Each	Doz.	100
12 to 15 inches	$0 35	$3 50	$25 00
18 to 24 inches	50	5 00	35 00
2 to 3 feet	75	7 50	55 00
2 to 3 feet, sheared	1 00	11 00	90 00
3 to 4 feet	1 50	15 00	

A. Apollinis. A beautiful specimen tree, similar to Nordmann's Fir, but more compact, with lighter foliage. 3 ft., $2.50; 4 ft., $4.

A. concolor. A distinct new Rocky Mountain species almost as beautiful as the Colorado Blue. It is of fairly rapid growth, has yellow bark on the young branches and unusually long light green or silvery leaves curved upward. 2 to 3 ft., $3.50.

A. excelsa. NORWAY SPRUCE. Stately, rapid-growing; largely planted everywhere for shade, shelter, hedges (page 38), etc.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet	50	5 00	40 00
5 feet	1 00	10 00	75 00
6 feet	1 25	14 00	100 00

8 to 10 feet, specimens, $5 to $12 each.
10 to 15 feet, specimens, $12 to $25 each.

var. inverta. WEEPING SPRUCE. This curious species is well shown in Plate VII. The foliage is larger and brighter than that of the species, the lateral branches as drooping as a willow's. As a specimen tree it is always odd and interesting. We have some fine specimens on our grounds. 2 ft., $2.50; 3 to 4 ft., $5 to $10 each.

A. Fraseri. Similar to the well-known Balsam Fir, but of finer habit, with darker foliage. 1 to 2 ft., 50 cts.

A. Nordmanniana. NORDMANN'S SILVER FIR. As a specimen this tree is almost peerless. It is quite hardy and forms a thick, dense tree of beautiful proportions, well adapted by its moderate growth even to small areas. The foliage is wide, thick, dark green and lustrous, with a silvery under surface that makes the tree sparkle in the sunshine. Plate VIII shows one of our grand specimens. 1½ to 2 ft., $1.50 each, $15 per doz.; 2 to 2½ ft., $2 each, $20 per doz.; 2½ to 3 ft., $3 each, $30 per doz.

A. Orientalis. EASTERN SPRUCE. Tall, conical, as dark in leaf as Nordmann's Fir, and of even denser natural growth. Is always included in any good selection of lawn specimens. 1 ft., specimens, $1 each, $10 per doz.; 2 ft., specimens, $2 each, $20 per doz.; 2½ ft., specimens, $3 each, $30 per doz. Plate VII shows a good specimen at Glenwood.

A. pectinata. EUROPEAN SILVER FIR. Pyramidal, stately, symmetrical; unusually hardy and long-lived. The broad, heavy foliage, dark green and glossy above, is given a rich silvery effect by its light under surface. The coldest winters do not dim its color. 4 ft., $1 each, $10 per doz.; 5 to 6 ft., $1.50 each, $15 per doz.

Abies pungens. COLORADO BLUE SPRUCE. This exceptionally beautiful specimen tree is now one of the most important in commerce. With little pruning it grows into a dense, symmetrical shape, is hardy, vigorous and long-lived. The foliage is of a rich blue or sage color. As this color is variable in seedlings we have trees grafted from the finest silver-blue specimens of the east. 2 to 3 ft., $2.50 to $4; 3 to 4 ft., $5 to $8, according to color and height. (Plate VI).

var. pungens Kosteriana. KOSTER'S BLUE SPRUCE. In this new variety the sage or steel-blue color is especially deep and rich. Every fine place should own one or more good specimens. Our stock is grafted from Koster's best "true blue" trees. 3 ft., $5; 3½ ft., $8; 4 ft., $10.

Juniperus—The Junipers and Cedars

Hardy trees of great vigor that thrive in poorest, driest soils, in low damp places, at the seaside, or almost anywhere. The columnar forms are valued for formal gardens and artistic grouping: the trailing ones for covering rocky slopes and sand banks. As hedges, shelter belts, screens, specimens and grouping they are also much used.

J. aurea. DOUGLAS' GOLDEN JUNIPER. A charming small form of dense, spreading growth, brilliantly colored with golden yellow on the twigs and young growth. Holds its color all the year and is very showy.

	Each	Doz.
9 to 12 in.	$0 50	$4 00
1 to 1½ ft., bushy	75	8 00
12 to 18 in. by 12 to 18, sheared	1 00	10 00
18 in. high by 24 in. wide	1 50	

var. pyramidalis. PYRAMIDAL JUNIPER. Erect, pyramidal, distinct. The foliage has a beautiful glaucous tint. 1 to 2 ft., clipped, 40 cts.; 2 to 3 ft., 50 cts.; 3 to 4 ft., 75 cts.

var. Hibernica. IRISH JUNIPER. Forms an erect dense column of dark green. Effective in cemetery lots, small yards and general landscape planting. 2 to 2½ ft., 40 cts. each, $4 per doz.; 3 to 4 ft., 75 cts. each, $8 per doz.

J. Drupacea. Pyramidal tree with narrow head. Leaves spiny, pointed and broad (broadest of all the species). Somewhat resembles the common red cedar, though the foliage is much more glaucous. Dense and compact. Quite rare. 2 to 2½ ft., $1.

J. prostrata. TRAILING JUNIPER. A beautiful native species of odd, trailing growth. It is densely branched and forms wide, thick masses of delicate foliage. Used for picturesque hillside planting. 1½ to 2 ft., bushy, 75 cts.

var. Suecica. SWEDISH JUNIPER. Similar to the Irish Juniper, but a lighter golden green; forms an especially pretty and compact little column. 1 to 1½ ft., 40 cts.

J. Sabina. A spreading variety. Well adapted for rock work. 1 to 1½ ft., 50 cts.

Pinus—The Pines

The Pines, like the Junipers, are exceedingly hardy, grow fast and are therefore of great value for our climate. They are bold and handsome or picturesque in growth and so diverse in character that species may be selected to suit any situation or grounds of almost any extent. It has been said that "when in doubt" a landscape gardener or forester always plants Pines, and certainly they are among our very best trees for specimens, groups, shelter belts, screens and general park purposes.

P. Austriaca. AUSTRIAN or BLACK PINE. Dark and massive spreading branches, heavily plumed with long, stiff, dark green leaves. One of the most useful species, giving as it does, a most distinct effect. Sheared specimens, 3 to 4 ft., bushy and fine, recently transplanted, 75 cts. each, $8 per doz.; 4 to 5 ft., $1 each, 10 per doz.; 5 to 6 ft., $2 each, $20 per doz.

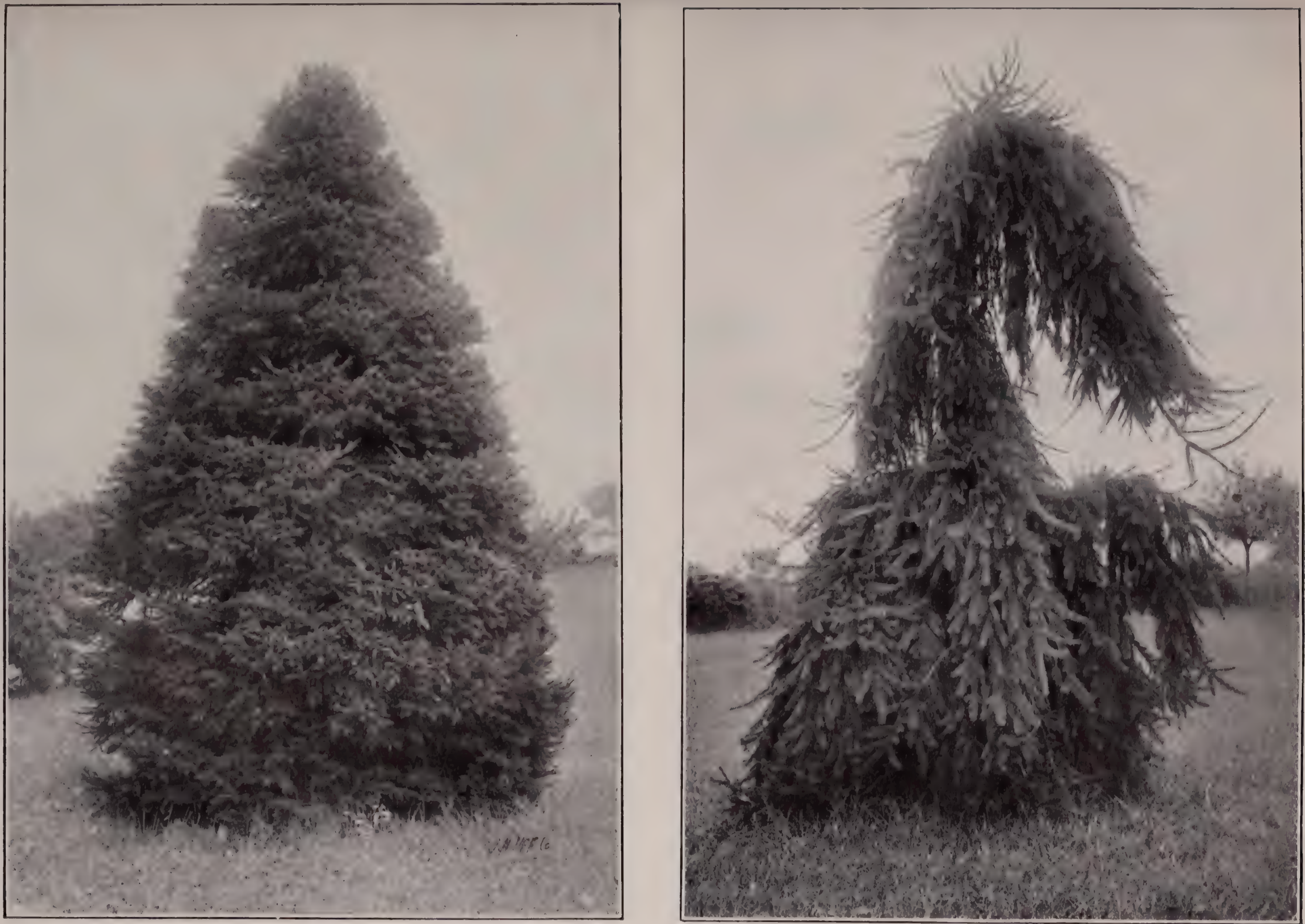


Plate VII — Specimens at Glenwood

On left, Abies orientalis; on right, Abies inverta (See page 19)

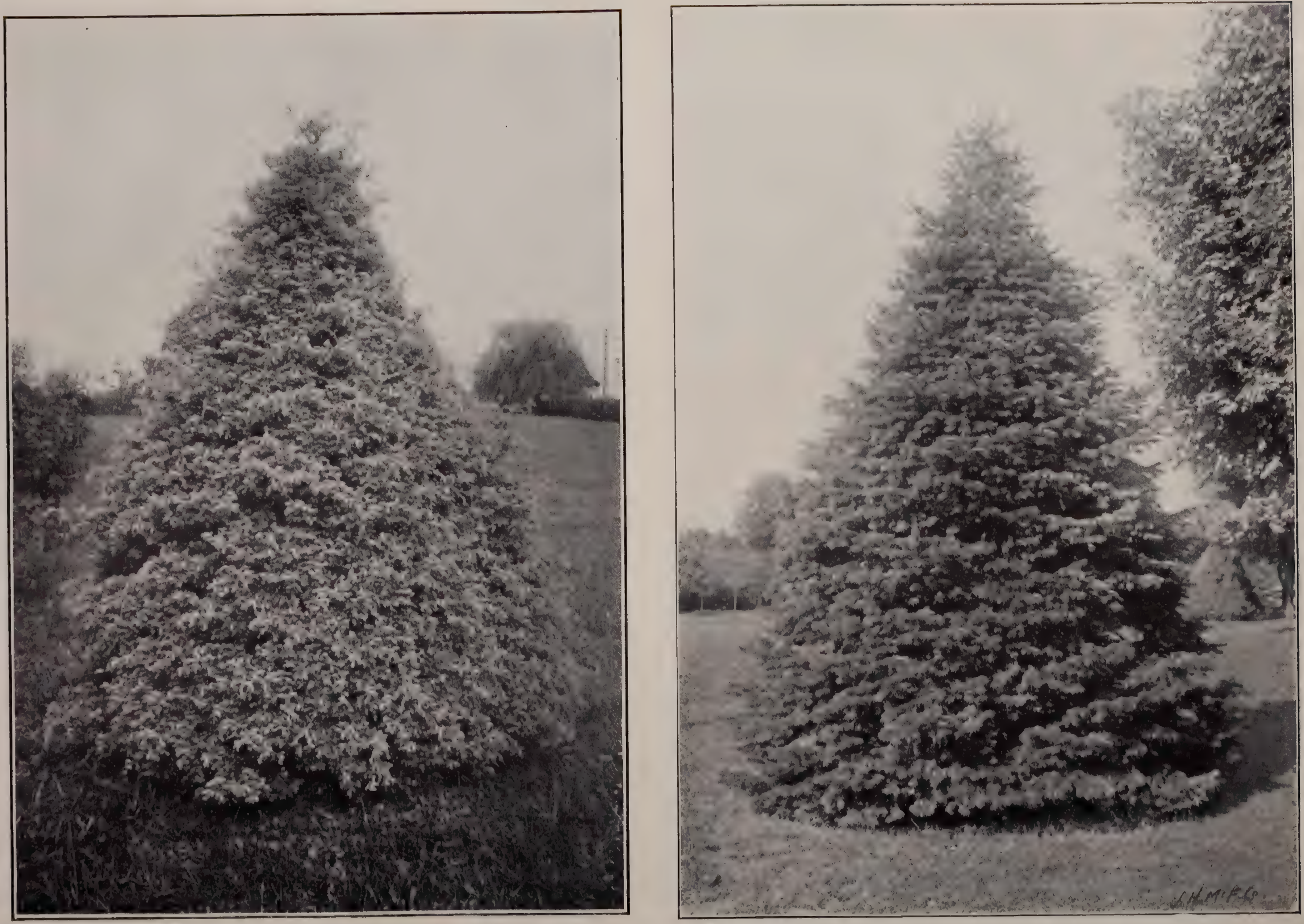


Plate VIII. Specimens at Glenwood

On left, Retinospora squarrosa Veitchii

Pinus Cembra. SWISS STONE PINE. Dwarf and handsome; of slow, compact, conical growth. The leaves are short and silvery. A pretty little Pine for specimens or groups. 1 ft., $1.

P. excelsa. BHOTAN PINE. A beautiful lawn tree, with drooping, silver-blue foliage resembling the White Pine's, but longer and more pendulous. Large, hardy. Sheared specimens, 2 to 3 ft., $1.50; 3 to 3½ ft., $2.50 each, $20 per doz.; 4 to 5 ft., $3; 5 to 6 ft., $5.

P. Mugho. DWARF MUGHO PINE. This unique Alpine species forms a dark, dome-shaped bush, broader than its height and sometimes almost prostrate. Valuable for planting on small lawns, terrace banks, hillsides, rockeries, etc., and near the sea. 1 to 3 ft. in height and diameter, $1 to $5.

P. Strobus. WHITE, or WEYMOUTH PINE. Quickest growing and most beautiful of all our native Pines, this is also one of the longest-lived and most generally valuable. It grows into naturally beautiful specimen trees, makes a fine background and shelter belt for large lawns, and is a valuable timber tree for even the poorest soils. The needles are long, silvery and plumy in effect. Our trees have been frequently trimmed back and are symmetrical. 2½ to 3 ft., $1 each, $10 per doz.; 3½ to 4½ ft., $1.50 ea., $16 per doz.; 4 to 5 ft., $2 ea., $20 per doz.

var. nana. DWARF WHITE PINE. Of naturally dense and compact habit, forming handsome dwarf specimens without trimming. Foliage a beautiful silver-green. Of especial beauty and value. 18 by 18 inches, $2.

P. sylvestris. SCOTCH PINE. A fine species, with strong, erect shoots and silvery needles. 2 to 2½ ft., 50 cts. each, $5 per doz.; 4 to 5 ft., $1.50 each, $15 per doz.; 5 to 6 ft., $3 each, $30 per doz.; 6 to 8 ft., 5 each.

Taxus—The Yews

Because they are so handsome and will bear shearing to fit almost any plan, the Yews have always been popular for grouping, formal gardening and topiary work. They should be given somewhat sheltered situations, as, unfortunately, they all are not entirely hardy in our climate. They are slow-growing, refined in appearance, and, unlike most evergreens, thrive well in shade.

T. adpressa. FLAT-HEADED, or JAPAN YEW. A spreading, flat-topped form, attaining 8 or 10 feet in height, with dark, ovate leaves and pink berries. One of the hardiest; attractive. $3.50.

T. baccata. ENGLISH YEW. Of larger and more open growth, erect and very dark green. Used for specimens, cemeteries, bordering large groups of conifers and for hedges. 1 ft., $1; 1½ to 2 ft., $1.50; 2 to 3 ft., sheared, $2.50; 3 to 4 ft., sheared, $5.

var. aurea. GOLDEN YEW. An elegant, small tree of denser, hardier growth. Conspicuously pretty in the growing season for the golden green tips of its branches. Groups finely with other dwarf evergreens. $3.50.

var. fastigiata. IRISH YEW. Forms a dark, slender column that requires no clipping to preserve its shape. Very useful because it is so distinct and effective and requires so little space. $3.50.

The Retinosporas

Sometimes called JAPAN CYPRESS. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints. In the spray, too, there is great variety, the fern-like, plume-like, thread-like and other

RETINOSPORAS, continued

forms being very distinct, though all are soft and rich in effect. They are beautiful for bedding and grouping, either alone or with other evergreens and bright-barked shrubs, for specimens on even the smallest lawns, and for winter decorations in pots and tubs. Occasional shearings render them more compact and brighten their colors.

R. flavescens variegata. WHITE-LEAVED RETINOSPORA. The bright young growth of this pretty and compact little tree makes it attractive and effective. 2 to 3 ft., $1.50.

R. filifera. THREAD-BRANCHED RETINOSPORA. A unique specimen evergreen of odd growth. The central shoot grows upright, the main branches horizontal, and from them droops a wide cone of slender, threadlike shoots. The foliage is a soft, light green; the variety especially valuable for massing in the front line of evergreen belts and groups. Extra choice. 1 to 2 ft., $1; 2 to 3 ft., $2.50.

R. obtusa. This forms a tall tree that grows rapidly and is quite stately. The foliage is delicately shaded, and the tree is beautiful in color, texture and disposition of its masses. 1 to 1½ ft., $1; 3 to 4 ft., $2 each, $20 per doz.

var. aurea. GOLDEN VARIEGATED RETINOSPORA. The young foliage is profusely marked with golden yellow. Very handsome and bright. 1 to 1½ ft., $1.25; 2 to 3 ft., $2.50.

var. nana. This pretty dwarf is greatly admired for its picturesque oddities of growth and the rich black-green color held by its foliage through all seasons. This is the species grown in pots to great age by the Japanese. Entirely hardy. 9 to 12 inches, $1; 18 to 24 inches, $2 each, $20 per doz.; 2 to 2½ ft., $3.50 each, $30 per doz.

R. plumosa. This variety carries its small foliage on short branchlets like soft plumes of clear, light green.

	Each	Doz.
2 feet	$0 75	$4 00
3 feet	1 50	15 00
4 feet	2 00	20 00
5 feet	3 50	35 00

var. aurea. GOLDEN RETINOSPORA. One of the hardiest, brightest and most desirable Evergreens for our climate. It is vigorous, neat and constant in color, the young growths being of an especially bright golden tint. Admirably adapted for small yards and general grouping anywhere. See Plate V.

	Each	Doz.
2 feet, sheared	$1 00	$10 00
3 feet	2 00	20 00
4 feet	$5 to $10 each.	
5 to 7 feet	$20 to $50 each.	

R. squarrosa Veitchi. This is a hardy, valuable species, of much beauty, quite distinct from all other sorts. It is of compact, heath-like habit, and grows quite large, but is easily kept back by the shears when this is desirable. The foliage is soft, feathery, and of a rich silvery glaucous or steel-blue that contrasts finely with the dark green and golden tints of other varieties. See Plate VIII.

	Each	Doz.
2 feet	$1 00	$8 00
2 feet, sheared	1 25	10 00
3 feet, sheared	3 00	30 00
5 to 7 feet	$25 to $75 each.	

Thuja—The Arborvitaes

INCLUDING BIOTA

All forms transplant so readily, are so neat, compact, and, in many cases, so brightly colored that landscape gardeners use them in a dozen different ways: For contrastive grouping, bedding and bordering, for cemetery and lawn specimens, hedges, screens, etc., and also for house decorations. The American or Western Arborvitæs are hardier, grow larger and are more generally useful than the Biota or Eastern species, which are yet so beautiful that they are well worth a little care in protection. The leaf forms of most species are as beautiful as those of rare ferns. Their early summer growth is particularly beautiful. We offer a superb stock of all the finer and more useful species. The Dwarf Arborvitæs are fine bushy specimens of their respective heights.

Thuja occidentalis. AMERICAN ARBORVITAE. Erect, conical, of rapid growth, entirely hardy. Leaves flat, light green, beautifully formed. For specimens, screens or hedges.

	Each	Doz.	100
3 to 4 feet	$0 50	$5 00	$40 00
4 to 5 feet	75	8 00	60 00
5 to 6 feet	1 00	10 00	75 00

var. compacta. Dwarf, densely branched, of charming oval form and rich color. For small lawns, evergreen beds and borders, cemeteries or house decoration. 1 to 2 ft., 75 cts. each, $8 per doz.; 2 to 2½ ft., $1 each, $10 per doz.; 2½ to 3 ft., $1.50 each, $15 per doz.

var. ericoides. HEATH-LEAVED ARBORVITAE. Curious and pretty little evergreen of conical form, with soft, feathery foliage like the Heaths of Europe. Light green in summer, bronze in winter. 1 to 1½ ft., 50 cts.; 2½ ft., $1.50.

var. George Peabody. GOLDEN ARBORVITAE. Color effect a clear shining golden yellow that contrasts finely with dark Evergreens. Neat and dwarf, quite hardy, grows rapidly, has the brightest and most permanent color of all. Certainly one of the handsomest of the golden-tinted Conifers. 1 to 2 ft., $1.50 each.

var. globosa. GLOBE ARBORVITAE. This pretty little dwarf forms a dense round head without any training. Entirely hardy and distinct, a pretty shade of green; charming and desirable. 1½ to 2 ft., $1; 2½ to 3 ft., $1.50.

var. Hoveyi. HOVEY'S GOLDEN ARBORVITAE. Compact, globular; foliage a rich golden green. A fine and hardy American seedling. 2 ft., $1 each.

var. pyramidalis. PYRAMIDAL ARBORVITAE. Forms a compact slender column of dark green; is hardy, vigorous and one of the best forms for ornamental grouping. Always conspicuous and elegant. 2 to 3 ft. $1; 4 ft., $1.50; 5 ft., $2.50.

var. Siberica. SIBERIAN ARBORVITAE. Perhaps the best and most useful species of all for this country, and especially valuable for cold climates. Grows compact and shapely without shearing, yet endures it to almost any extent. Its heavy, full foliage is a peculiar dark green all the year. In great demand for specimens, screens and hedges and in tubs for house decoration. 2 ft., 75 cts.; 2½ to 3 ft., $1.

var. Tom Thumb. An especially pretty and useful dwarf form, with heath-like foliage; hardier and richer green than *T. ericoides.* Its slow growth and compact symmetry make it valuable for decoration in small gardens, cemetery lots, etc., and for low evergreen hedges. 2 to 2½ ft., $1.50 each.

var. Vervæneana. A distinct and handsome yellow-marked variety. Entirely hardy. 3 ft., 75 cts.; 4 to 5 ft., $1.50; 6 to 8 ft., $3.

T. orientalis (Biota). EASTERN, or CHINESE ARBORVITAE. These dense, pyramidal little trees are exceedingly effective for planting around groups of taller Conifers; dark green. 1 to 1½ ft., 50 cts.; 1½ to 2 ft., 75 cts.; 2 to 3 ft., $1; 3 to 4 ft., $1.50.

var. elegantissima. ROLLINSON'S GOLDEN ARBORVITAE. A new form of much beauty. The flat, fern-like growths turn edgewise to the center of the tree. In summer the young growth is golden yellow, in winter chocolate-brown, studded with golden tips where it catches the sun. Distinct and very rich in effect. 15 to 18 in., 75 cts.; 2 to 2½ ft., $1.50.

var. semper aurea. Hardier than most eastern sorts, with a brighter, more permanent golden color. 1½ ft., $1.

var. filiformis pendula. WEEPING ARBORVITAE. A singular, drooping form, valuable for variety and always interesting. The slender branches are like whipcords. 1½ ft., $1.

Choice Specimen Evergreens

CEPHALOTAXUS. These are handsome Chinese Evergreens, similar to the Yews, but of stronger growth, with broader foliage. They are frequently sheared into compact bushes and used in evergreen beds. **C. drupacea** forms a beautiful low bush, with stiff, spreading branches of light green. 2 ft., $2.50. **C. Fortunei**, the CHINESE YEW, is similar in growth and habit, but larger and darker green. 2 to 3 ft., $2.50.

CUPRESSUS Lawsoniana (Chamæcyparis). LAWSON'S CYPRESS. One of the most beautiful of all Conifers. A graceful pyramidal tree, of vigorous growth and dense, elegant habit. The branches are frond-like in arrangement and droop gracefully at the tips. The color is an unusually rich dark green, retained all year. Forms beautiful specimens. 1 to 1½ ft., 75 cts.; 2 to 3 ft., $2.

THUYOPSIS borealis (Cupressus). NOOTKA SOUND CYPRESS. A fine dark green tree from Nootka Sound. Pyramidal, dwarf, compact; the leaves sometimes have a bluish tint. 1 ft., $1.

SCIADOPITYS verticillata. UMBRELLA PINE. This rare Japanese tree grows slowly to large size, and is both ornamental and interesting at any stage on account of its curious formation. Each branch and shoot is terminated by a whorl or umbrella-like tuft of dark, shining leaves. Nice bushy plants, 2 to 3 ft., $4.

Broad-Leaved Evergreens

AZALEAS. The evergreen varieties are described in our special list of Azaleas and Rhododendrons.

BUXUS. THE BOX TREES. The different species vary in size from low bushes to medium-sized trees. All are long-lived, hardy, of dense, compact growth, and have dark green, glossy leaves. They are used for grouping, edging walks, planting against house foundations, for hedges, and in tubs for formal gardens, terraces and porches. Will grow in sun or shade, preferably the latter. **B. sempervirens argentea**, the VARIEGATED SILVER form, has silver stripes on its glossy leaves. 9 to 18 in., 50 cts. **B. aurea variegata**, the GOLD-STRIPED variety, sells for the same price. **B. latifolia**, the BROAD-LEAVED BOX, is an especially handsome sort that likes a half-shady situation. 1 to 1½ ft., 50 cts.; 1½ to 2 ft., 75 cts. **B. macrophylla rotundifolia** is a large, round-leaved variety that proves very attractive. 12 to 15 in., 25 cts.; 1½ to 2 ft., 75 cts. **B. s. nana**, the pretty DWARF BOX, is the variety so much used in old-fashioned gardens for edgings. It is one of the most useful species of all. 2 yrs., 4 to 6 in., 75 cts. per doz., $5 per 100, $40 per 1,000. We also offer for the same purpose **B. arborescens**, 6 to 8 in., $5 per 100, $40 per 1,000.

This is a stronger grower than the old-fashioned sort. In planting Dwarf Box edging 5 or 6 plants are required to plant a foot.

TREE BOX. Handsome pyramidal shaped. 2 ft., $2.50; 3½ ft., $3.50; 4 ft., $5.

COTONEASTER buxifolia has small, oval leaves much like the Boxes, but thickly interspersed with white flowers, and later with showy crimson fruits that brighten the shrub all winter. It is thus a joy in the dull days of winter, when only somber colors prevail. 25 cts.

CRATÆGUS pyracantha, the beautiful EVERGREEN THORN, is a low shrub of irregular, picturesque growth. In May it is a mass of sweet white flowers, which are followed by orange-scarlet fruits through autumn and winter. The leaves are rich and glossy. It is used for covering stone walls, for hedges, rockwork, etc., with fine effect, and is a shrub of distinction and beauty. 9 to 12 in., 30 cts. each, $3 per doz.

EUONYMUS. Besides the deciduous species (page 36) this genus also includes both evergreen shrubs and vines. **E. Japonicus,** the JAPAN EUONYMUS, is a handsome upright shrub that remains green and glossy in both stem and leaf all winter, if grown in a somewhat sunny spot. 2 to 3 ft., 40 cts. each, $4 per doz. **E. J. Argentea,** its beautiful variety, has leaves broadly margined with white. 1½ to 2 ft., 30 cts. each, $3 per doz. **E. J. aurea,** the GOLDEN EUONYMUS, is a similar variety, with gold-margined leaves. 40 cts., each, $4 per doz. The brightly marked foliage of these varieties is very striking for winter contrasts. The Japonicus varieties are not hardy north of Philadelphia except in sheltered locations.

E. radicans is the pretty CREEPING EUONYMUS with plain green leaves. It is used for covering house foundations, stone walls, tree-trunks, etc., which it soon covers with a thick evergreen web. This and its varieties are perfectly hardy. 20 cts. each, $2 per doz. **E. radicans variegata** is a very rich and dense-growing variety, used in the same way, and also for vases, etc., in the garden. Its leaves are handsomely variegated with white, gold and pink. 25 cts. each, $2 per doz., $15 per 100.

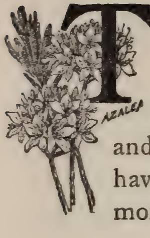
ILEX. THE HOLLIES. These make beautiful small specimen trees, attractive all the year because of their broad, glossy, prickly leaves, but most beautiful from November to April when laden with bright scarlet berries. The white, inconspicuous flowers are fragrant and much loved by the bees. Remove the leaves when transplanting. **I. aquifolia,** the ENGLISH HOLLY, has leaves somewhat darker than the American, and is generally considered more beautiful, but is not so hardy. 2 to 3 ft., 50 cts. each, $5 per doz.; 3½ to 4 ft., $1 each. **I. opaca,** the AMERICAN HOLLY, is one of our most beautiful Evergreens. The leaves vary little from the English species, the tree is hardier, the scarlet berries more abundant, forming a good winter substitute for flowers. 2 to 3 ft., $1 each, $10 per doz.; 3 to 4 ft., $1.50 each, $15 per doz. **I. crenata.** JAPANESE HOLLY. A handsome shrub-like Evergreen, desirable for hedging, also for grouping with other evergreens, and is much valued for specimen planting. It is hardy and transplants as well as the privet. The leaf is small, pointed, and a beautiful shining green. In 3-inch pots, 40 cts.; 1½ to 2 ft., $1; 2½ ft., very bushy, $2.50.

KALMIA. MOUNTAIN LAUREL. These are most beautiful when planted in masses, either alone, or with rhododendrons and azaleas. They bloom profusely in spring, almost hiding their dark, shining leaves with huge corymbs of pink and white flowers. Next to the rhododendrons they are our showiest evergreen shrubs. K. latifolia, our MOUNTAIN LAUREL, is a well-known species of great beauty. We offer strong, nursery-grown plants, 15 to 18 in., very bushy, with buds, at 75 cts. each, $8 per doz. K. angustifolia has narrower leaves and darker pink flowers. 18 in., 50 cts. each, $5 per doz.

LIMONIUM trifoliatum. HARDY ORANGE. This large shrub is curious and thorny, but attractive for many reasons. Its glossy roundish leaflets are borne in threes, its sweet white flowers early in spring, its small, bright reddish oranges in fall. The latter are not edible, but very showy. Where hardy, as it is here, it is a valuable protective hedge plant, and it is beautiful enough for planting anywhere. 30 cts. each, $3 per doz.

MAHONIAS. The richness of their holly-like, glossy leaves, their neat habit and beautiful flowers give the Mahonias great popularity for ornamental planting. They grow from 1 to 5 feet, and thrive best when they can be grouped on the shaded northern side of buildings or tree groups. **M. aquifolia,** HOLLY-LEAVED MAHONIA, has showy, bright yellow flowers in May, followed by blue berries for winter decoration. Its upper leaves are bronzed to red in winter, and its winter effect against the coniferous Evergreens is rich and attractive. 1 to 1½ ft., 30 cts. each, $3 per doz. **M. Japonica** is of more upright habit than *M. Aquifolia* and bears a profusion of yellow flowers in early spring. But its striking characteristic is its large, distinct glossy green leaves. Very desirable. 1 to 2 ft., 50 cts. each, $5 per doz.; 2 to 3 ft., 75c. each, $7.50 per doz.

Azaleas and Rhododendrons



THESE two magnificent shrubs vie with each other in splendor of bloom, are given the same culture and usually grouped together. Their blossoming in May and June is always the grand event of the season. Azaleas love the shelter afforded by the Rhododendron's dark leaf masses, and their brilliant flowers show finest against such a foil. After their flowers have faded the Rhododendrons' great flower-cones are glorious for a month or more. Kalmias are also fine for mingling with these shrubs.

RHODODENDRONS

Since experience has taught us wisdom in the selection of hardy varieties, Rhododendrons are no longer considered difficult to grow, but they are most easily cared for and most effective when planted in large beds or groups, so that their flowers will be seen in glorious masses. If the place selected is sheltered from the force of prevailing winds, so much the better. They will grow in any good soil, but are finest in a somewhat shady situation where the soil is deep, well drained and well mulched with leaves.

Our selection of varieties has been made with a view to combining thorough hardiness with brilliancy of color. It includes the finest named sorts adapted to this climate, with flowers ranging from white to crimson. See Plate IX.

Finest Named Varieties:

	Each	Doz.
15 to 18 in., 6 to 8 buds	$1 00	$10 00
18 to 22 in., 8 to 12 buds	1 50	15 00
24 to 30 in., 12 to 20 buds	2 50	25 00

30 to 36 in., 20 to 35 buds, selected specimens, $5 to $6 each, $50 and $60 per doz.

4 to 6 ft. specimens, $25 to $50 each, according to varieties, flower buds and development.

Rhododendron maximum. AMERICAN GREAT LAUREL. Tall, with large, handsome leaves and white to rose-pink flowers. Extra hardy nursery-grown specimens.

	Each	Doz.
1 to 2 feet	$1 00	$10 00
2 to 3 feet	1 50	15 00
3 to 4 feet	2 25	25 00

Can furnish Rhododendron by the car-load. Native collected plants carefully dug with ball of earth and well set with bloom buds. Quotations given on plants 1½ to 8 feet high. Correspondence requested with all wanting to obtain strictly first-class stock of this desirable plant. State number and size required.

AZALEAS

For richness and beauty of tints the Azalea has no parallel among flowers. A bed of well-selected varieties in full flower, with a dark green foil such as Evergreens afford, is one of the grandest shows of spring. In the different varieties are seen softest tints of buff, apricot and primrose; dazzling ones of apricot, salmon, orange and vermilion. Planted as specimens, in beds by themselves, or with Rhododendrons, they are beautiful and much admired.

A. amœna. Evergreen, and the most showy of very dwarf shrubs. In the spring the little bushes are a mass of bright, rosy purple flowers; all winter their leaves are bronzy purple. For bordering drives and edging beds of taller Azaleas and Rhododendrons. 6 to 8 in., from pots, 25 cts. each, $2.50 per doz.; 6 to 8 in., very bushy, from open ground, 50 cts. each, $5 per doz.; 9 to 12 in., very bushy, from open ground, 75 cts. each, $8 per doz.; 12 to 15 in., $1.25 each, $12 per doz.

A. Mollis. CHINESE AZALEA. This is a particularly handsome dwarf species, of especial beauty for massing and unusually hardy. The flowers are larger than in most varieties and carried in bold, handsome trusses of rich yellow or red. Fine, bushy plants, 15 to 20 in., 50 cts. each, $5 per doz.; 20 to 30 in., $1 each, $10 per doz.

A. Pontica. GHENT AZALEA. This species is unequaled for brilliancy and variety of color. Although usually hardy they are finer if given some protection in winter. Fine, bushy plants, 15 to 18 in., 75 cts. each, $8 per doz.

Hardy Flowering Shrubs

IN emphasizing the importance of shrubbery a prominent landscape gardener recently said: "If one-tenth the trouble wasted on carpet-bedding and other fleeting but costly rubbish had been spent on Flowering Shrubs, American gardens would look much the better for it to-day." At some seasons shrubs supply half the bloom and beauty of our grounds, as well as cozy nooks and screens. At all times they are needed as a brilliant undergrowth and supplement to the trees planted. Large estates now make lavish use of them for groups, beds, borders, screens, etc., as well as for specimens. They need little care.

At Glenwood Nurseries we grow a fine, full line of shrubs, transplanted, well rooted, well developed, and in various sizes from small plants of a year's growth to specimen shrubs of mature development, some 6 to 8 feet high.

We shall be glad to furnish estimates to all who appreciate good stock, with good roots, at moderate prices.

SPECIAL QUOTATIONS ON SHRUBS

Shrubs quoted at 50 cts. each can be furnished at $5 per doz., $35 per 100. Shrubs quoted at 30 and 35 cts. each are $3.50 per doz., $25 per 100. Smaller plants can be supplied at $2.50 per doz., $20 per 100, purchaser's selection. Where shrubs are wanted by the 1,000, correspondence is solicited.

IMPORTANT GROUPS

These include the larger families of shrubs with brilliant flowers or popular characteristics which create a large demand for them. Single species of great ornamental value and smaller groups are described under the head of Hardy Shrubs for General Planting. Azaleas and Rhododendrons are given a special chapter on page 26. Evergreen Shrubs are described on pages 18 to 25.

Berberis—The Barberries

In May and June the Barberries are gay with showy masses of white, yellow or orange flowers; through autumn and winter they are even brighter with rich crops of berries. They are hardy, graceful, 2 to 6 feet high, thorny, and grow quickly in almost any soil, so that we can use them for many things: neat little hedges and boundaries, borders, groups, against walls or house foundations, etc. The berries of the different

BERBERIS, continued

species vary through red and dark blue shades to almost black, thus adding variety and beauty to the landscape.

B. Thunbergii. THUNBERG'S BARBERRY. A unique and charming Japanese form that fits a dozen or more needs in landscape gardening. Low, dense and neat in habit, with a profusion of white flowers in May. In autumn it is all aglow with scarlet leaves and berries, and all through winter the bright fruit clings to its branches. 25 cts. each, $2.50 per dozen. Larger plants, 50 cts. each, $5 per dozen.

B. vulgaris. EUROPEAN BARBERRY. Flowers yellow, borne in drooping racemes, followed in the autumn by brilliant orange-scarlet fruit. 25 cts.

var. purpurea. PURPLE BARBERRY. Leaves purple, in beautiful contrast with its flower-masses, and also with other shrubs, like the Golden Elder, Variegated Dogwood, Privet, etc. Berries deep purplish red. 35 cts.

Cornus—The Dogwoods

Independent of their flowers, which in some cases are very pretty, the Shrubby Dogwoods are valued for handsome fruits, leaf-variegations and for the bright-colored bark now so much prized for winter relief and contrast with evergreens. If cut back to the ground every spring the young shoots will be brighter and more abundant. Plant in lines or groups against evergreens. All are hardy and grow fast.

C. florida. Described among trees, page 13.

C. sanguinea. RED OSIER DOGWOOD. The blood-red bark shows beautifully against the snow in winter. The large yellow flower-clusters are very abundant and appear early in spring. 35c.

var. elegantissima variegata. The leaves are broadly margined with white, sometimes entirely white, stems red. Grows rapidly. One of the finest variegated shrubs. 50 cts.

C. Gautshallii aurea variegata. A fine golden variegated sort. 1 to 1½ ft., 35 cts.

C. sericea. SILKY CORNEL. Deep red branches and narrow leaves covered with silky down; fruit-clusters a showy light blue. 35 cts.

C. Sibirica. RED SIBERIAN DOGWOOD. A rare and remarkable sort with white flower-clusters and showy, deep red bark. 35 cts.

C. stolonifera aurea. GOLDEN-BARKED CORNEL. The bright yellow branches of this variety contrast well with the other sorts. 50 cts.

For other species consult Hardy Trees, page 13.

The Deutzias

The flowers of the Deutzias are tassel-like and clustered into thick wreaths along their drooping branches in June. The shrubs are hardy, vigorous, adapted to all soils and remarkable for grace, beauty and prodigal bloom. The taller forms are valuable for specimens, low ones for bordering, grouping or planting near the house. We offer all varieties at 35 cts. each; larger plants, 50 cts.

D. crenata candidissima. A new and handsome species, with very large double flowers so pure white and perfect that they are frequently used in "floral pieces."

var. fl. pl. alba. DOUBLE-WHITE DEUTZIA. A most beautiful shrub; flowers pure white, double, showy and spreading; very strong-growing variety.

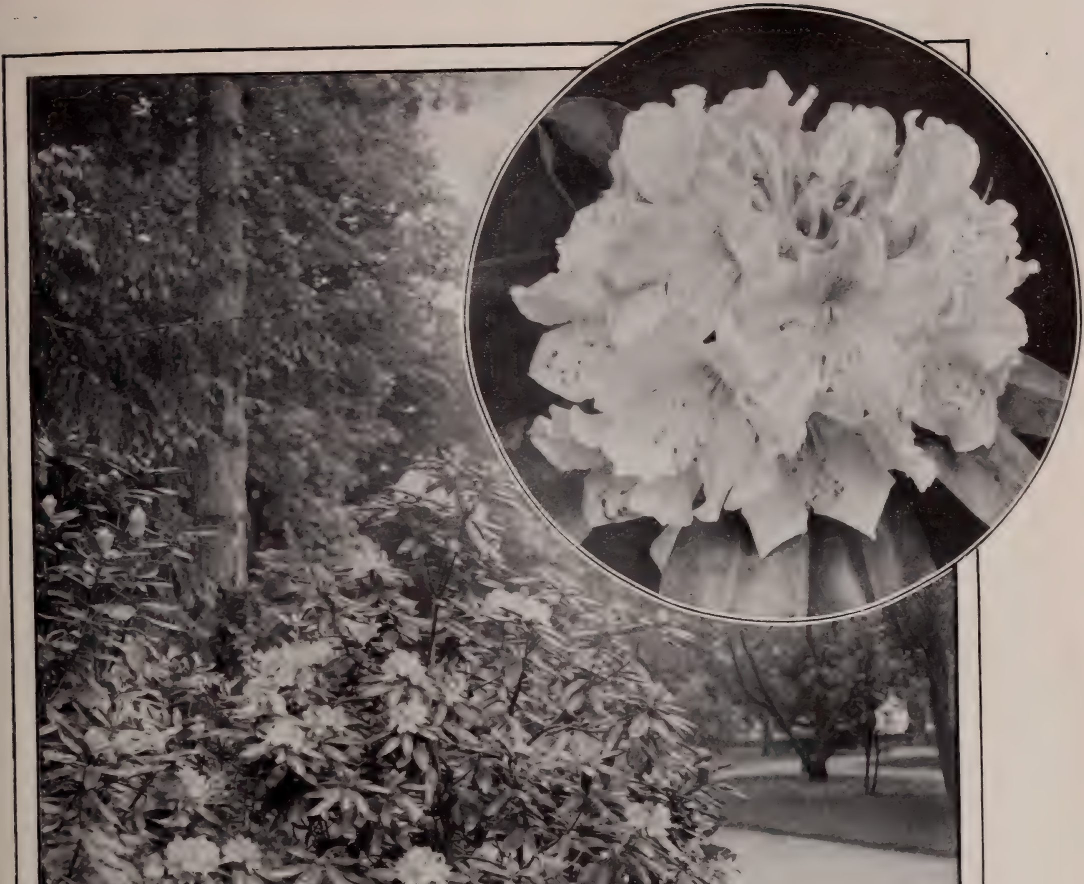


PLATE IX — Specimen Rhododendron, with flower-truss above (See page 26)

Sambucus nigra aurea, at Glenwood (See page 37)

Hydrangea paniculata grandiflora, at Glenwood (See page 30)

PLATE X

Deutzia crenata, var. fl. pl. rosea. DOUBLE PINK DEUTZIA. Exquisite flowers of double rosette shape, tinged with soft pink.

var. Pride of Rochester. A choice new sort that excels in vigor, in size of flowers, length of panicles and freedom of bloom. The flowers are double, white, tinged outside with pink, and open a week earlier than those of other sorts.

D. gracilis. DWARF DEUTZIA. The beauty of the family and one of the best shrubs in our entire list. It forms a low, round bush, covered in early summer with the most graceful wreaths of pure white single flowers. Used for forcing, pot culture and Easter Decoration as well as outdoor planting.

D. hybrida Lemoinei. A new and elegant cross from *D. gracilis*, as dwarf and free-flowering, but of more upright growth and said to be even finer for forcing. See Plate XI.

D. scabra. ROUGH-LEAVED DEUTZIA. Very vigorous; flowers white, single, bell-shaped, in small bunches. One of the tallest-growing sorts.

D. Waterii. Beautiful pink, single flowers.

D. Wellsii. Flowers white, double.

Hibiscus Syriacus—The Altheas

Also called ROSE OF SHARON. The Altheas bloom profusely in late summer — an almost flowerless time — and landscape gardeners naturally make free use of them. Their rich variety of color makes it possible to use them in large quantities even in small areas. They are very hardy, easy to grow in all soils, and bloom until growth stops in late fall. Grown in standard form they make handsome specimens; planted thickly they make beautiful flowering screens or hedges. Prune in winter. 2 to 3 ft., 25 cts.; 3 to 4 ft., 35 cts.; 4 to 6 ft., 50 cts.; 6 to 8 ft., 75 cts.

Totus albus simplex. Large, single, pure white flowers; very fine.

DOUBLE ALTHEAS

Alba plena. Double; white with reddish center.

Amplissima. Double; rosy red; early bloomer.

Ardens. Double; purplish blue; free bloomer.

Boule de Feu. Very double, large, well-formed red flowers.

Carnea plena. Double; flesh color.

Comte de Haimont. Double; white, with rosy outer petals.

Duchesse de Brabant. Large, double; with reddish lilac flowers; free-blooming.

Duc de Brabant. Similar to above; dark rose.

Duke de Bretegne. Double; white, shaded rose, nearly pink; leaves more cut than other sorts.

Double Rouge. Very double; dark red flowers.

Elegantissima plena. Double; white, shaded with rose.

Folia variegata. A conspicuous variegated-leaved variety. Double purple flowers; one of the finest variegated shrubs.

Grandiflora superba. Double; white, shaded to pink and carmine.

Joan of Arc. New. Double; pure white; should be in every collection.

Lady Stanley. One of the finest variegated sorts.

Leopoldii plena. Large, double, flesh-colored flowers, shaded with rose; foliage laciniated.

Pæoniflora plena. Flowers pinkish white.

Speciosa plena. Double, rosy pink; very fine.

Van Houttei. Double flowers; white, shaded rose; free-blooming.

Unnamed Varieties. Blue, Purple, Red, White, Variegated.

The Hydrangeas

The half-hardy Hortensis and its varieties have long been popular for garden and conservatory use, and now for the even showier hardy species there is quite a rage. At Newport these are used in great quantities for bedding, and pruned to the ground every winter. Treated in this way the flower-heads are larger and finer. The Hortensis varieties should be given some protection in winter.

H. hortensis. GARDEN HYDRANGEA. Flower-heads large, showy, pink or blue, according to the soil used. Hardy, with slight protection. This and its varieties are favorites for Easter forcing and growing in tubs for porch decoration. 50c.

var. Otaksa. Dwarf, vigorous; produces huge pink flower-clusters when young. 50 cts.

var. Ramis pictis. RED-BRANCHED HYDRANGEA. One of the finest varieties. Its dark red branches brighten as they near the flower-trusses. The plant is robust and produces freely immense heads of deep rose-colored flowers. 35c.

var. Thomas Hogg. A neat dwarf, with enormous round white corymbs. A superb pot-plant, and also hardy with protection. 50 cts.

H. paniculata grandiflora. GREAT PANICLED HYDRANGEA. The most popular and widely planted of all shrubs. Showy and bloom-enduring in an almost flowerless time, hardy and vigorous in most exposed situations. The white flower-panicles are often a foot long. Illustrated in Plate X. 2 to 2½ ft., 25 cts. each, $2.50 per doz.; 2½ to 3 ft., 35 cts. each, $3.50 per doz.; 3 to 4 ft., 50 cts. each, $5 per doz.; 4 to 5 ft., 75 cts. each, $8 per doz. TREE HYDRANGEAS, trained to standard form, at 75 cts.

H. quercifolia. OAK-LEAVED HYDRANGEA. Large leaves, shaped like an oak's, very bright in fall. Flowers white, in loose spikes. 50 cts.

Ligustrum—The Privets

These ideal hedge plants have such an array of good points that we can no longer spare them for hedges alone. They are hardy, nearly evergreen, grow freely in all soils, have a dense neat habit, and bloom profusely. The flowers are white, fragrant, and borne in graceful racemes or clusters through June and July. The fruits, too, are often quite showy, and the leaves are glossy.

L. Ibota. CHINESE PRIVET. Especially beautiful in flower and leaf. New and distinct. 30c.

var. Amurense. AMOOR RIVER PRIVET. This is the beautiful evergreen hedge plant of the southern states. Flowers quite showy. 30c.

L. Japonicum variegatum. VARIEGATED-LEAVED PRIVET. Has beautiful leaves of glaucous green, margined with white. Contrasts finely with the other sorts. 30 cts.

L. Media. A favorite flowering shrub with deep green leaves and creamy white flower-clusters that are very fragrant and followed by shining black berries. 30 cts.

L. ovalifolium. CALIFORNIA PRIVET. An almost evergreen species of much beauty. It forms an elegant hedge (Plate XIV), and is quite as fine for groups or specimens. Price, 30c. We also supply STANDARD TREE-SHAPED SPECIMENS for terrace, porch and hall decorations. Their shining leaves, and the close shearing they will bear, make them quite valuable and effective for this purpose. When properly trimmed they resemble Bay Trees. $1 each, $10 per doz.

L Sinensis. A graceful, airy variety, with drooping branches and small leaves. Bears a profusion of spike-like flowers; very showy. 30c. to 50c.

Lonicera—Bush Honeysuckles

These are tall shrubs of upright, moderate growth, valuable for their profusion of red, white or pink flowers and their crops of rich red or yellow berries.

L. fragrantissima. Valued for the exceeding fragrance of the small cream-colored flowers which wreathe its stems in earliest spring and continue a long time. Almost an evergreen. 35 cts.; larger plants, 50 cts.

L. Morrowi. Blooms lavishly in May and June, and bears a showy crop of bright crimson fruits in autumn. Flowers creamy white. 35 cts.; larger plants, 50 cts.

L. Tatarica. TARTARIAN HONEYSUCKLE. This delightful old variety makes a graceful, luxuriant growth, crowds its branches with pretty pink flowers in May and again with orange-colored berries in fall. 35 cts.

var. alba. WHITE TARTARIAN HONEYSUCKLE. Has handsome white flowers, bright berries, and groups finely with the species above. 35 cts.

L. xylosteum. ENGLISH FLY HONEYSUCKLE. A large bush that scents the air with very fragrant, small, pinkish yellow flowers early in spring before its leaves appear. 35 cts.

Philadelphus—Mock Orange or Syringa

These shrubs bloom in June, after the Weigelas. They are hardy, robust, have handsome leaves and large, clustered, milk-white flowers, that in some cases are very fragrant. The tall species flower profusely and nothing is finer in their season. The dwarf varieties do not bloom so much, but are pretty and compact little shrubs, valuable for their bright leaves or for extending the season.

P. Billardii. New; late-flowering. One of the finest of the family. 35 and 50 cts.

P. cordifolius. CORDATE-LEAVED MOCK ORANGE. Tall, vigorous, handsome. 35 cts.

P. coronarius. GARLAND SYRINGA. Fine variety, with pure white, very fragrant flowers borne in midsummer. 35 cts.

var. Kettlerii fl. pl. DOUBLE SYRINGA. Flowers double, white, fragrant. 35 cts.

P. deutziæflora fl. pl. Dwarf, with double flowers of Deutzia shape. 35 cts.

P. foliis aureis. GOLDEN MOCK ORANGE. A brilliant little shrub, with bright golden leaves, color constant through summer. Grouped with green- and purple-leaved shrubs it produces fine effects. 40 cts.

P Gordonianus. GORDON'S SYRINGA. Blooms 10 days later than other sorts and quite profusely. Of fine habit. 35 cts.

P. grandiflora. LARGE-FLOWERING SYRINGA. A large shrub, with recurved branches laden with large, showy flowers, slightly fragrant. 35 cts.

P. inodorus. SCENTLESS MOCK ORANGE. A vigorous erect shrub from the mountains of Virginia; has large white flowers and glaucous leaves. 30 cts.

P. Nepalensis. Similar to *P. grandiflora*, blooming later. 35 cts.

P nivalis. The whole flower seems a delicate white in this variety. The stamens are a pale cream color. 35 cts.

☞The annual loss of trees and shrubs would be greatly lessened if they were protected as much as possible while out of the ground. The exposure of the roots of some kinds of trees to a severe drying wind or a hot sun for an hour is sure death to them. Particularly is this the case with evergreens, as their sap is resinous and when dried cannot be restored to its normal condition.

Prunus—Flowering Plums and Almonds

In this group are classed two very different sorts of shrubs, both of much beauty.

P. Japonica alba fl. pl. DWARF WHITE-FLOWERING ALMOND (*Amygdalus*). Is covered with double white flowers in May. 35 cts.

var. rosea fl. pl. DWARF PINK-FLOWERING ALMOND. Double rose-like flowers, closely set along the twigs. 35 cts.

P. Pissardi. PURPLE-LEAVED PLUM. The young shoots and leaves are lustrous crimson, changing to rich purple and retaining it until they fall in autumn. The small white single flowers cover the shrub in April. It is greatly in demand to use in quantity for contrasts in groups of trees or shrubs. Winter pruning gives stronger shoots and darker leaves. 3 to 4 ft., 35 cts.; 4 to 5 ft., 50 cts.

P. triloba. Flowers semi-double, delicate pink, thickly set on slender branches. Very fine in early spring. 35 cts.

The Spireas

Some members of this great group are in bloom nearly all the season. All forms have a riotous extravagance of bloom that makes them very striking, and they are so different in flower, leaf and growth that monotony from planting too many kinds is impossible. They are hardy and easily grown in all situations. A collection of the different forms will give its owner much pleasure. Used for groups, specimens, borders, screens, and ornamental hedges.

S. arguta. Dwarf; flowers clear white; blooms thickly all along its branches in early May. 35 cts.

S. argentea. Of strong, upright growth, wreathed with large panicles of flesh-pink flowers. 35 cts.

S. Billardii. Bears pretty spikes of pink flowers nearly all summer. Strong-growing. 35 cts.

var. alba. White flowers; otherwise like the species above. 35 cts.

S. Blumei. Of strong, irregular growth; valuable for the lateness and abundance of its white flowers. 35 cts.

S. Bumaldi. A valuable Japanese dwarf, of distinct, dense, vigorous growth, suitable for bedding, edging shrubbery or house foundations. Its flat corymbs of rosy pink flowers are plentiful from June until frost. 35 cts.

var. Anthony Waterer. A new form of even finer habit, with larger, darker crimson flower corymbs, produced quite abundantly. One of our finest shrubs. 35 cts.; larger plants, 50 cts.

S. callosa. FORTUNE'S PINK SPIREA. Bears pink flowers, in large, flat clusters nearly all summer. 35 cts.

var. alba. FORTUNE'S WHITE SPIREA. Dwarfer, with white flowers of the same type and season. 35 cts.

S. Douglasi. DOUGLAS' SPIREA. Flowers of a beautiful rose-color, massed on long spikes in July and August. 35 cts.

S. opulifolia. NINE BARK. Strong in growth and large in leaf; flower-heads flat, white, in early June. 35 cts.

var. aurea. Like the type except that it has bright yellow foliage that is exceedingly pretty for contrasts. An effective large shrub for lawns. 35 cts.

S. prunifolia fl. pl. BRIDAL WREATH. Carries its clear white, double flowers in thick wreaths along leafless wand-like branches, giving a solid white effect in May. The small glossy leaves appear later and color to rich red in fall. One of the best and earliest blooming kinds. 35 cts.

Spirea Reevesii (*S. lanceolata*). The single white flowers appear in large round clusters in early May, bending the branches gracefully and covering them completely. 35 cts.

var. fl. pl. Double flowers that open a few days later. Both sorts are compact and slender-twigged. 35 cts.

S. salicifolia. WILLOW-LEAVED SPIREA. A free-growing native species, with crowded panicles of white or pink flowers in June and July. 35 cts.

S. Thunbergii. THUNBERG'S SPIREA. A distinct species of delicate beauty at all seasons; a native of China. Its fluffy masses of small white flowers appear in April and May; in autumn its narrow leaves color to bright red and orange. 35 cts.

S. tomentosa. Native of New England. Flowers in close, short racemes of bright rose color in July. 35 cts.

S. Van Houttei. VAN HOUTTE'S SPIREA. By many landscape gardeners this is given first place in the whole category of shrubs. Its dense drifts of white flower-wreaths are singularly graceful and its autumn foliage is bright. 35 cts.

Syringa—The Lilacs

The older types of Lilacs still hold their place among our choicest shrubs, but the new forms into which they are continually breaking are finer still. They are more fragrant, bloom freer, are more robust, have larger flowers in longer plumes and in a multitude of exquisite new shades, and yet are just as easy to grow anywhere as the older ones. Planted in a large group the collection we offer below will give flowers in all the favorite colors and intermediate shades for two months or more. The Japan Tree Lilac will extend the season several weeks later.

S. Japonica. JAPAN TREE LILAC. This Japanese species forms a tree 20 to 30 feet high and blooms a month later than other Lilacs. The leaves are large, leathery and dark; the flower-plumes 18 to 20 inches long, white, showy, scentless, carried erect above the foliage. Very handsome and striking. 3 to 4 ft., 50 cts.; 4 to 5 ft., 75 cts.

S. Josikæa. JOSIKA'S LILAC. This choice species is also of tree-like growth and blooms late. The flowers are lilac-purple, the foliage handsome. 35 cts.

S. persica alba. WHITE PERSIAN LILAC. Delicate white fragrant flowers, shaded with purple. Rare. 50 cts.

S. Rothomagensis. ROUEN LILAC. A distinct hybrid variety of great beauty. It has superb reddish flower-plumes in great abundance. 50c.

S. Rothomagensis alba. Similar to the above, with pale lilac flowers almost white. 50 cts.

S. vulgaris. COMMON LILAC. The fine old purple species. 35 cts.

var. alba. Fragrant white flowers. 35 cts.

var. Charles X. Of strong, fine growth, with handsome leaves; trusses large, rather loose, reddish purple. 50 cts.

var. insignis rubra. Rosy purple flowers, dark red in the bud. One of the finest. 50 cts.

var. Marie Le Gray. Superb creamy white flower-plumes of great size; bush dwarf. Extra choice and valuable for forcing. 50 cts.

var. Ranoncule. Very double and fragrant; azure-mauve. 40 cts.

var. rubella plena. Large double flowers of clear red. 50 cts.

var. Rubra de Marley. DE MARLEY'S RED LILAC. Rich rosy purple flowers in large clusters and in great abundance. 35 cts.

var. Sougeana. SOUGET'S LILAC. Purplish red flowers. 35 cts.

var. Virginalis. BLANCHE VIRGINALE. A fine white variety similar to Marie Le Gray. 50 cts.

Viburnum—The Snowballs

Masses of Snowballs give for spring the same showy effect produced by Hydrangeas in fall. They are all large, hardy, quick-growing shrubs, valuable for shrub-screens, groups, and specimens. The more showy species carry their flowers in great white balls.

V. lantana. WAYFARING TREE. The large white flower-clusters open in May and are followed by red fruits. Has peculiar soft, heavy foliage. 35 cts.

V. opulus. CRANBERRY TREE. The common name is from the fine red berries which follow its handsome, white, midsummer flowers. 35 cts.; larger plants, 50 cts.

var. sterilis. GUELDER ROSE. The beautiful old sort so generally esteemed. 35 cts. each; larger plants, 50 cts.

V. plicatum. JAPAN SNOWBALL. The good points of this valuable new sort are not yet generally known. It is of better habit than the old, with handsomer plicate leaves and whiter flowers more compactly and delicately formed. 50 cts.; larger plants, 75 cts.

V. tomentosum. The single form of the Japan Snowball. Dwarfer, with sterile white flowers in flat cymes, borne thickly all along the branches, early in June. A fine shrub. 35 cts.; larger plants, 50 cts.

The Weigelas

Sometimes also classed as DIERVILLAS. These shrubs bloom after the Lilacs, in June and July. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shape with age. Their large flowers are of wide trumpet-shape, of all colors from white to red, and borne in clusters thickly all along their branches. Used for borders, groups, immediate effects and low screens.

W. candida. A new, valuable sort that bears large white flowers profusely in June and continues blooming sparingly until fall. 35 cts.; larger plants, 50 cts.

W. hortensis nivea. Dwarf and frequent-blooming; flowers pure white. 50 cts.

var. rubra. From red buds the flowers shade to a light pink when open. 35 and 50 cts.

W. Lavallei. Dark reddish purple flowers that continue for a long time. 35 to 50 cts.

W. Stelzneri. Dark red flowers borne thickly along the branches. 35 to 50 cts.

W. Symondsii. Rose and white flowers beautifully contrasted. 35 to 50 cts.

W. Van Houttei. Deep crimson flowers, covering the plant completely. 35 to 50 cts.

W. Lutea. Flowers long, tube-shaped, pale yellow; blooms very late. 25 to 40 cts.

W. rosea. Bears beautiful rose-colored flowers thickly in June. 25 to 40 cts.

var. amabilis. Attractive large pink flowers; blooms in autumn also. 35 to 50 cts.

var. Desboisii. Deep rose-colored flowers, darker than *W. rosea's.* 35 to 50 cts.

var. Isolene. Flowers clear white at first, changing to blush. 35 to 50 cts.

var. nana variegata. DWARF VARIEGATED WEIGELA. Dwarf, with clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose and pink. Effective and useful. One of the most ornamental variegated-leaved shrubs. 35 to 50 cts.

Hardy Shrubs for General Planting

ALTHÆAS. See *Hibiscus Syriacus*, in Important Groups of Shrubs.

AMORPHA fruticosa. INDIGO BUSH. This large shrub has dense terminal panicles of pretty odd and attractive bluish purple flowers in July. 30 cts.; extra size, 50 cts.

AMYGDALUS. FLOWERING ALMOND. See Prunus, page 32.

ANDROMEDA Mariana. LILY-OF-THE-VALLEY SHRUB. Of neat, low growth, hardy and free-blooming in any situation, bearing its lovely drooping white flowers profusely in great panicles. Deserves wide culture. 30 cts.

AZALEAS. A special list is given on page 26.

BACCHARIS halimifolia. SALT SHRUB. Valued for its showy white seed vessels, which give a flower-like effect in fall. The bark and foliage are dark green, the flowers inconspicuous. Fine for seashore planting. Also called GROUNDSEL TREE. 35 cts.

CALLICARPA purpurea. Used largely for producing fine effects in fall, when its long shoots thickly strung with violet-purple berries are a grand sight. Flowers small, light purple. 30c.

CALYCANTHUS floridus. SWEET SHRUB. The oddly formed, double flowers are a rare chocolate color and have a peculiar agreeable odor. They are borne in the axils of the leaves all along the branches in June and at intervals through summer. 35 cts.; extra size, 50 cts.

CARAGANA arborescens. SIBERIAN PEA TREE. Forms a large shrub, with bright yellow pea-shaped flowers and graceful pinnate leaves. 30 cts.

CARYOPTERIS mastacanthus. BLUE SPIREA. A neat, compact, new sort, with large, fragrant blue flower-clusters that keep crowding up plentifully from the axils of the leaves, from midsummer until frost. If killed to the ground by frosts the young shoots spring up freely and flower the first season. Gives fine effects when bedded. 35 cts.

CHIONANTHUS Virginica. WHITE FRINGE TREE. A large shrub or small tree, with large, heavy leaves almost hidden in spring by a thick mist of fragrant, drooping white flowers. When planted against evergreens it is one of our very choicest lawn ornaments. 30 cts. each; extra grade, 50 cts.

CLETHRA alnifolia. PEPPER BUSH. Of dwarf, dense growth, producing abundant slender spikes of very fragrant white flowers for two months of midsummer, when they are most needed. The spicy fragrance from a good mass of it is delightful. 30 cts.

COLUTEA arborescens. BLADDER SENNA. A large shrub, with small foliage and yellow, pea-shaped blossoms in June. The red seed-pods are curiously inflated. Useful in large shrubberies. 30 cts.; larger size, 50 cts.

COTONEASTER Simondsii. A beautiful shrub, with showy fruits of rich deep orange. Valuable for fall and winter effects. 30 cts.

Evergreen Cotoneasters are described on page 24.

CORYLUS avellana purpurea. PURPLE-LEAVED FILBERT. A handsome shrub for grouping. The large leaves are rich purple. Distinct and fine. 50 cts.

CYDONIA Japonica. JAPAN QUINCE. Sometimes classed as *Pyrus Japonica*. In early spring this fine old shrub is completely covered with dazzling scarlet flowers. Seen against dark evergreen groups and hedges it is particularly striking. Grown as a hedge it looks like a stream of fire when in bloom, and its stout thorns form a good defense. We offer seedling-grown plants which sometimes vary charmingly into white or pink flowers. 35 cts.

CYTISUS Laburnum. GOLDEN CHAIN. Popular with the Germans as "Golden Rain," and much appreciated in England. In early summer it is extremely bright, with graceful racemes of wistaria-like golden yellow flowers. 50 cts.

ELÆAGNUS longipes. SILVER THORN. A popular Japanese shrub of dense, low growth, belonging to the Olive family. Its leaves are silvery, its flowers yellow, hanging in wreaths along the branches and followed by a thick, brilliant fruitage of scarlet berries that are edible as well as exceedingly ornamental. 50 cts. **E. umbellata.** Similar to the Longipes, except it has small amber berries ripening in the fall. Very desirable for seashore planting. 1½ to 2 ft., 50 cts.

EUONYMUS. THE BURNING BUSHES. These are large shrubs, of fine habit, quite hardy and valuable for grouping against evergreens, where their brilliant fruits will show finest. Their young shoots are dark, polished green; their leaves color to bright scarlet in fall, and no shrub that we grow has such showy, curious fruits. They are large, dark crimson, four-to-five hooded seed-vessels that burst as they ripen, revealing orange-scarlet seed-arils clinging to the white lining. **E. Europeus** is the EUROPEAN BURNING BUSH, or Strawberry Tree, that droops with its heavy crop of large fruits in autumn. **E. nanus** is a pretty dwarf species, with narrow leaves that turn purple in fall when its fruits are red. Both varieties 50 cts. each. **E. alatus.** WINGED EUONYMUS. A curious new shrub with a wing-like extension down the stem between the leaves. Lower side of stem covered with clusters of scarlet berries. Exquisite autumnal coloring. 2 to 2½ ft., 75 cts.

EXOCHORDA grandiflora. PEARL BUSH. A rare Japanese shrub of singular grace and beauty. In June its slender, wiry stems bend with their weight of pearl-like buds and flowers into airy garlands of delicate white and green. 2 to 3 ft., 35 cts.; larger plants, 50 cts.

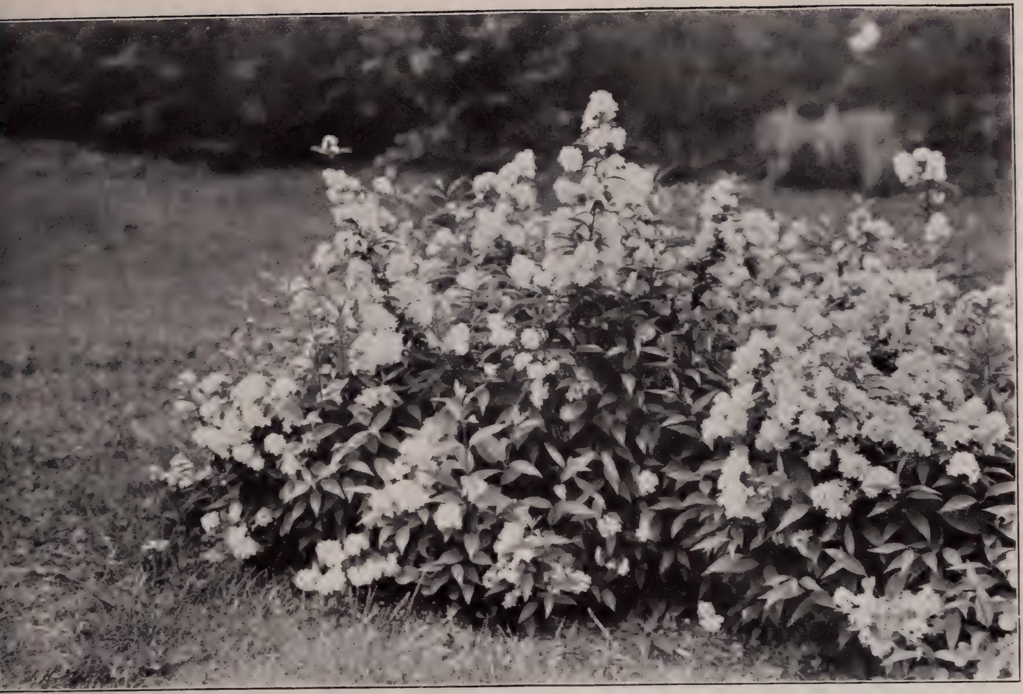
FORSYTHIA. THE GOLDEN BELLS. These are our best very early-flowering shrubs. Before any tree or shrub shows a leaf they burst into glorious masses of golden yellow drooping flowers that are exceedingly cheery and welcome at that season. All are of medium size, entirely hardy and will grow anywhere. **F. Fortunei** is the handsome, erect form. **F. intermedia** resembles it, but has narrower leaves of very bright fall colors. **F. suspensa** has long, arching branches, and is sometimes used for covering arches and trellises. **F. viridissima** grows upright, has deep green bark and leaves and deep yellow flowers. It is one of the very finest of all and most generally known. For all varieties our price is 35 cts. each; larger plants, 50 cts. each. We recommend more general planting for these shrubs.

HALESIA tetraptera. SILVER BELL. This is usually grown in bush form, but becomes quite a fine little tree when given room to develop. In the old Bartram Garden, Philadelphia, are some fine specimens of this sort that attract crowds every spring. Early in the season, while the leaves are yet small, the branches are almost hidden by thick fascicles of white, drooping bells. The large four-winged seeds are also curious and attractive. 30 cts.; extra size, 50 cts.

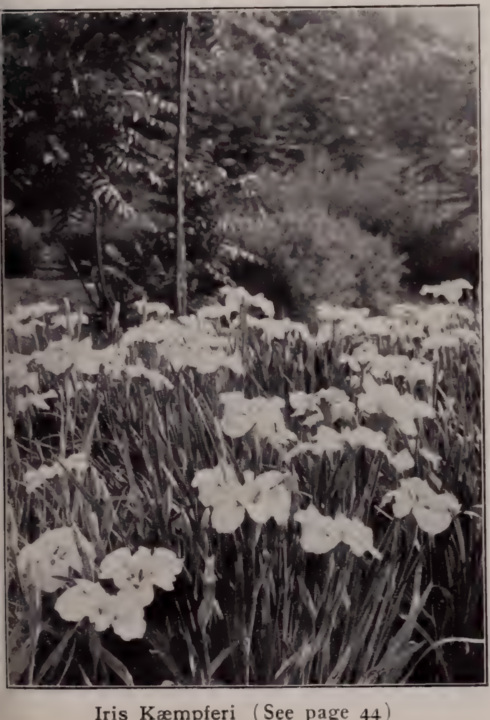
HYPERICUM. ST. JOHN'S-WORTS. These are very dwarf, almost creeping shrubs, gay with large rich yellow flowers from midsummer until frost. They can be grown in shaded places where few other shrubs will thrive. **H. aureum** is one of the finest in flower and foliage. **H. Kalmianum** is a native sort, very bright in midsummer. **H. Moserianum** is a newer species of fine habit that flowers most freely and has extra large and brilliant flowers. We offer all three varieties at 30 cts. each.

JASMINUM nudiflorum. A slender, medium-sized shrub, often grown as a climber. Its bright yellow flowers are produced along leafless branches very early in spring, or in mild midwinter weather. 30 cts. See also page 42.

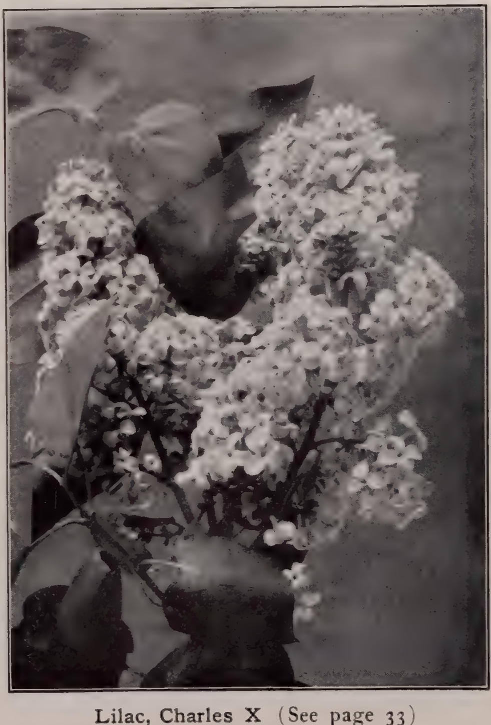
KERRIA. THE GLOBE FLOWERS. Fine old shrubs with bright green bark and large, double yellow flowers from May to September. They are valuable for specimens or massing. Sometimes classed as Corchorus. **K. Japonica,** the JAPAN CORCHORUS, is the showy well-known form. **K. Japonica fl. pl.** has flowers of finer form, regular and perfect. **K. variegata** is one of the prettiest and most valuable dwarf shrubs for groups, margins, etc. We sell the three varieties at 35 cts. each.



Deutzia Lemoinei (See page 29)



Iris Kæmpferi (See page 44)



Lilac, Charles X (See page 33)

PLATE XI

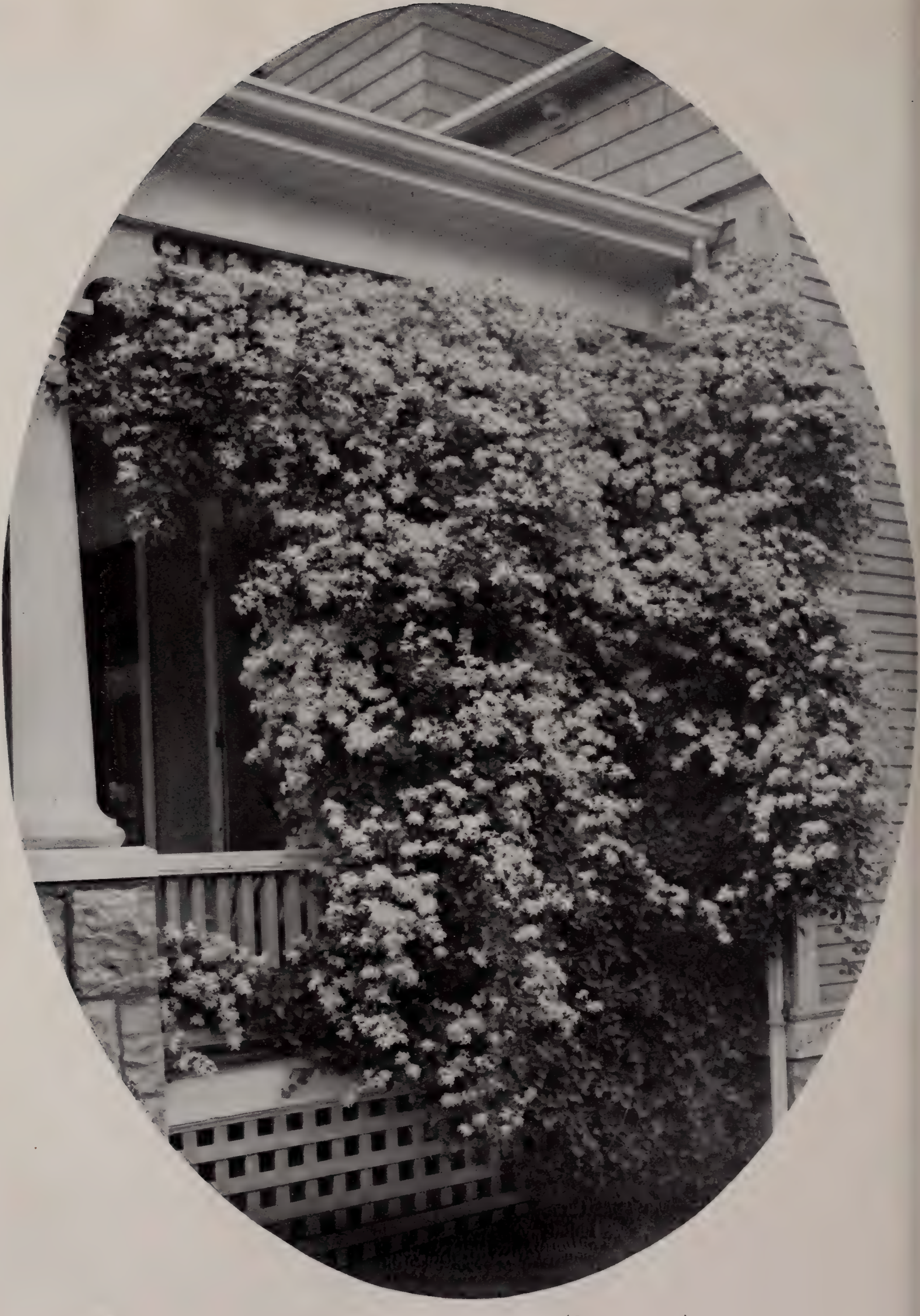


PLATE XII — Clematis paniculata (See page 43)

MAGNOLIA. Dwarf Shrubby Varieties.

M. purpurea, or **M. obovata**, has large, campanulate flowers, purple without and white within, lavishly produced. Its variety, **M. p. gracilis**, forms a fine bush 8 to 10 feet high, and has smaller flowers, dark purple on the outside. Both are showy, handsome shrubs, as effective in their way as the taller Magnolias. 75 cts. each, $8 per doz.

The taller Magnolias are described under Trees, on page 8. We offer all the finer sorts in well-rooted stock.

PÆONIA Moutan. Tree Peonies. These striking low shrubs of the old-fashioned gardens are again quite popular. They are hardy, grow slowly, and bear enormous double flowers of various bright colors in May. They are used for beds, borders and margins of groups. Their flowers are much finer when given rich soil. 75 cts. each, $8 per doz.; stronger plants, $1.50.

PYRUS Japonica. See Cydonia.

RHAMNUS catharticus. Buckthorn. Described among hedge plants, page 38.

RHODOTYPUS Kerrioides. White Kerria. A good new shrub that blooms all summer. It has large, single white flowers at the tip of each shoot, and these are followed by black seeds. Of medium size; hardy; blooms in May. 35 cts.

RIBES. The Flowering Currants. Much prized for their wealth of bright flowers in early spring and their pervading and delightful spicy odor. All are exceedingly hardy. **R. aureum** is our beautiful, yellow-flowered native species. **R. Gordonianum** has crimson and yellow flowers in pendent bunches in May. **R. sanguineum**, the Crimson-Flowered Currant, with deep red flowers so early in spring, is most brilliant of all. The three sorts are 35 cts. each.

ROBINIA hispida. Rose Acacia. A valuable shrub, bearing clusters of rose-colored flowers; the branches resemble those of a moss rose. Excellent for planting in large masses. Grafted plants, 3 to 4 ft., 50 cts.

SAMBUCUS. The Elders. These are much in demand for their beautiful leaves. The flowers and fruits, also, are showy and attractive. They grow well anywhere and need pruning to keep them in shape. **S. nigra aurea**, the Golden Elder, has bright leaves of a clear, constant golden yellow, and is valuable for enlivening shrubberies. **S. nigra variegata**, the Variegated Elder, has leaves quaintly mottled with white and yellow. It is valued for the same uses. **S. nigra laciniata**, the Cut-Leaved Elder, has finely dissected leaves. We offer the three varieties at 35 cts. each; larger plants, 50 cts.

SOPHORA Japonica. Pagoda Tree. A shrub of medium size, with light-colored, soft foliage, and racemes of small, bell-shaped cream-colored flowers. It is sometimes grown as a small tree. 50c.

STYRAX Japonica. See Trees, page 14.

STAPHYLEA colchica. Bladdernut. Blooms with the Lilacs. The flowers are white, fragrant, borne in clusters; the nuts are curious and attractive. 30 cts.

SYMPHORICARPUS. The Wax Berries. Their showy fruits make these small shrubs quite popular for planting in masses. They are hardy bushes, with inconspicuous flowers and bright fruits that cling late. **S. glomeratus** (*S. vulgaris*), the Indian Currant, has small red berries that mass the branches into thick red ropes. **S. racemosus**, the Snowberry, has very large milk-white berries that contrast finely with the Currants. **S. variegata**, besides its showy red berries, has leaves beautifully marked with yellow. Planted together in large groups these Wax Berries give pretty and novel effects. The three varieties are 35 cts. each.

TAMARIX. The Tamarisks. Shrubs of strong but slender upright growth, clothed with foliage as light and feathery as the asparagus. Their delicate fringing flowers are usually some warm shade of pink or red. They are quite hardy, and, besides ordinary uses, are valuable for planting near the seaside where few other shrubs will grow. **T. Africana**, the African Tamarisk, blooms early in May. **T. Germanica** is a choice new variety that is full of bloom-spikes in midsummer. It has light blue foliage and is very conspicuous. **T. Indica** blooms in late summer; **T. tetrandra purpurea** is a mass of purplish pink flowers in June and July. All varieties, 30 cts. each.

Ornamental Hedge Plants

IN Ornamental Hedge Plants we offer a good variety. We have given this branch of our business much attention, and are prepared to offer all the more desirable sorts. Our plants are strictly graded, according to the measurements given, and well rooted. In planting hedges these roots should be given trenches wide enough to spread them out flat, and good top-soil filled in about them. This last is especially desirable for evergreen hedge plants, or they cannot maintain a good, rich color. Deciduous hedge plants, as a general rule, should be planted from 6 to 12 inches apart; evergreens from 1 to 2 feet apart, according to size. Gardens screened by .evergreen hedges or shelter belts produce vegetables from one to two weeks earlier than those unprotected.

EVERGREEN HEDGE PLANTS

ABIES Canadensis. HEMLOCK SPRUCE. Nothing handsomer for hedges; when sheared, compact and bushy. 1 to 2 ft., trans., $35 per 100, $300 per 1,000; 2 to 2½ ft., $1 each, $70 per 100, $600 per 1,000; 2½ to 3 ft., sheared and very bushy, $1.25 each, $100 per 100, $900 per 1,000; 3 to 3½ ft., $1.75 each, $150 per 100.

A. excelsa. NORWAY SPRUCE. A popular variety. Makes a very dense, compact hedge. Very desirable for a firm hedge, to take the place of a fence. 12 to 18 in., $10 per 100; 2 to 3 ft., $35 per 100; 3 to 4 ft., $50 per 100; 4 to 5 ft., $75 per 100; 5 to 6 ft., $125 per 100.

THUYA occidentalis. AMERICAN ARBORVITAE. For screens, hedges or wind-breaks, this is one of our best Evergreens. Although a very fast grower, it can be kept trimmed to any height desired. 18 to 24 in., $10 per 100; 3½ to 4 ft., $35 per 100; 4 to 5 ft., $75 per 100.

T. compacta. DWARF ARBORVITAE. Forms a very dense hedge about 3 to 4 feet high. With judicious trimming it can be kept any desired height. Especially adapted for inclosing cemetery plots and small lawns. Keeps in good form with little care. 9 to 12 in., $15 per 100; 1 to 2 ft., $40 per 100; 2 to 2½ ft., $75 per 100.

DECIDUOUS HEDGE PLANTS

BERBERIS Thunbergii. Nothing is finer for low ornamental hedges. Both leaves and berries are bright red in fall. See page 28. 1 to 1½ ft., $12 per 100; 1½ to 2 ft., $16 per 100; 2 to 2½ ft., $25 per 100.

HIBISCUS Syriacus. ALTHEA. These shrubs can be sheared into any desired shape, and are very showy, either when the entire hedge is of one color or when assorted colors are combined. 1 to 2 ft., $10 per 100; 3 to 4 ft., $25 per 100; 4 to 5 ft., $40 per 100; 5 to 6 ft., $60 per 100.

LIGUSTRUM ovalifolium. CALIFORNIA PRIVET. Nothing in the way of a hedge plant has attained, in so short a time, the popularity of the California Privet. While in this latitude it is deciduous, yet it retains its beautiful dark green foliage until very late in winter. It can be kept at any desired height by frequent trimming, and grown successfully under the influence of sea air Set 1-year plants 10 inches apart; 2-year plants, 12 inches apart. See Plate XIV. 1 year, 1 to 1½ ft., $3 per 100, $20 per 1,000; 1 year, 1½ to 2 ft., $5 per 100, $30 per 1,000; 2 years, 2 to 2½ ft., $7 per 100, $50 per 1,000; 2 years, 2½ to 3 ft., $8 per 100, $60 per 1,000; 3 to 3½ ft., $12 per 100, $100 per 1,000.

MACLURA aurantiaca. OSAGE ORANGE. The cheapest hedge plant of all. Makes a strong, durable fence; though not so ornamental as other kinds, yet when it is closely trimmed it is quite attractive. 1 year, $5 per 1,000; 2 years, $7 per 1,000.

RHAMNUS catharticus. BUCKTHORN. A fine, hardy hedge plant of European origin. It has dark green foliage, white flowers and small black fruit. 2 to 3 ft., $10 per 100; 3 to 4 ft., $15 per 100.

ROSA rugosa. JAPANESE SWEETBRIER. A perfectly hardy, erect, bushy grower, of handsome, compact form. It has elegant, broad, shining green foliage and continuous clusters of showy red or white single flowers, followed by brilliant red fruits of large size and very attractive. Makes a beautiful ornamental hedge. 2 years, $3 per doz., $15 per 100; 4 years, strong, $4 per doz., $25 per 100.

Fuller description of some of these Hedge Plants found under Deciduous and Evergreen Shrubs.

Hardy Garden Roses

ROSES of fine hardy types are yearly planted in greater numbers. We offer the following list—all hardy, distinct and valuable, in strong one- and two-year-old plants. Varieties marked with a * are grown on their own roots. The others are the best low-budded stock. Care should be taken, in planting budded stock, to plant deeply, setting the Roses at least 2 inches below the point where budded. This prevents the stock from suckering, to a very great extent. Our list has been culled of all varieties not found generally hardy and satisfactory. No well appointed place is complete without a fine collection of hardy Roses. Their showy and frequent blooming is a source of constant delight to all who grow them.

HYBRID PERPETUALS

2 yrs., strong, 40 cts. each, $4.50 per doz., $35 per 100; 1 yr., strong, 35 cts. each, $3.50 per doz., $25 per 100.

Alfred Colomb. Brilliant carmine-crimson; large, globular.

Anne de Diesbach. Clear bright carmine; large, full, fragrant.

Augustine Guinoisseau. White La France. Large and beautifully formed flowers of pure white, shaded in the center with flesh.

Baron de Bonstetten. Dark red, almost black; large, fragrant.

Baroness Rothschild. Rich satiny pink; magnificent.

Boule de Neige. Pure white; free-blooming.

Captain Christy. Very large, double buds of deep flesh color; in bloom all season.

Coquette des Blanches. Pure white; large, globular.

***Coquette des Alpes.** White, shaded rose.

Earl of Dufferin. Large, full, finely formed; velvety scarlet.

Fisher Holmes. Rich velvety crimson.

***General Jacqueminot.** Brilliant scarlet-crimson.

***Gloire de Margottin.** Dazzling scarlet.

Gloire Lyonnaise. White, tinted yellow.

***John Hopper.** Bright rose, carmine center; cupped and well formed.

Jules Margottin. Bright carmine; cupped; very fragrant.

HYBRID PERPETUAL ROSES, continued

La France. Splendid satiny rose; constant blooming.

Mabel Morrison. Pure white, flushed pink in autumn.

***Madame Plantier.** Pure white, free-blooming. A model hedge and cemetery Rose.

***Magna Charta.** Bright pink, suffused carmine.

Marchioness of Lorne. Rich fulgent rose, shaded vivid crimson in the center. Very double and sweet.

Margaret Dickson. Finest of all white hybrids.

Marie Baumann. Bright carmine; large, exquisitely formed.

Marshall P. Wilder. Cherry carmine; large and full.

Merveille de Lyon. White shaded rose.

Mme. Gabriel Luizet. Fine satiny rose; very free.

Mrs. John Laing. Delicate pink, large, full.

Mrs. J. Sharman Crawford. Deep rosy pink; outer petals shaded with pale flesh.

Paul Neyron. Very large; dark rose.

Persian Yellow. Bright golden yellow; blooms very early.

***Prince Camille de Rohan.** Deep velvety crimson, with black shadings.

Rodocanachi. Beautiful transparent rose, shaded pink; long-stemmed, fragrant.

***Ulrich Brunner.** Bright cerise-red; large and full.

***Victor Verdier.** Rosy carmine; large, showy.

White Baroness. Pure white; splendid bloomer.

CLIMBING ROSES

All are perfectly hardy, free-blooming, and exceptionally fine in their season.

Baltimore Belle. Pale blush flowers in fine clusters. 25 cts. each, $2.50 per doz.

Crimson Rambler. A strong climber of very rapid growth, that produces exceedingly large and brilliant clusters of crimson flowers. The leaves are a peculiar glossy green. For verandas, walls, pillars, etc., there is nothing so fine; it is also used for pot culture and Easter forcing. 30 cts. each, $3 per doz.; extra strong plants, 40 cts. each, $4 per doz.

Multiflora Japonica. A charming Japanese Rose that is exceedingly free-blooming and covered in June with great clusters of small white single flowers. These are very fragrant and followed later by bright red heps. Extremely hardy, grows rapidly and may be trained either as a shrub or climber. Strong plants from open ground, 25 cts. each, $2.50 per doz., $25 per 100.

Prairie Queen. Beautifully formed, very double flowers of rich, clear pink. 25 cts. each, $2.50 per doz., $20 per 100.

Royal Cluster. A lovely new climber, with white, double flowers of medium size, beautifully formed and spicily fragrant. Young plants, 30 cts. each, $3 per doz.

White Rambler. Small, double, white, fragrant flowers. 30 cts. each, $3 per doz.

Yellow Rambler. Like Crimson Rambler, but with yellow flowers. 30 cts. each, $3 per doz.

ROSA WICHURAIANA AND ITS HYBRIDS

The thick young shoots of these new Japanese Roses grow several yards long in one season; their glossy leaves are almost evergreen. Although naturally trailers, they grow equally fast when trained upward over trellises, arches, fences, etc. All are quite popular for park and cemetery planting, for terraces, banks, and similar uses.

Wichuraiana. WHITE MEMORIAL ROSE. This, the pretty parent type, has clusters of white, single flowers, followed by red berries. It blooms a long time in midsummer, and is still the finest and most valuable of all this class. 15 cts. each, $1.50 per doz., $10 per 100; extra strong plants, 20 cts. each, $2 per doz.

Pink Roamer. Single flowers of bright rich pink. Strong plants, 20 cts. each, $2 per doz.

South Orange Perfection. Double blush-pink flowers. 20 cts. each, $2 per doz.

Triumph. Double white fragrant flowers, produced in clusters. 20 cts. each, $2 per doz.

Universal Favorite. Very fragrant light pink, semi-double flowers. 20 cts. each, $2 per doz.

SINGLE ROSES

Blanda. EARLY WILD ROSE. A pretty bush, 1 to 3 feet high, with light rosy pink flowers. 25 cts. each, $2.75 per doz.

Carolina. SWAMP ROSE. This is the tall-growing wild Rose, so pretty in late June when full of single pink flowers. In fall it is full of red fruits. 25 cts. each, $2.50 per doz.

Lucida. Clear rose-red flowers and shining leaves that are brilliantly colored in autumn. A fine species. 25 cts. each, $2.50 per doz.

Multiflora. Described among Climbing Roses.

Nitida. Has bright red flowers and fruits and rich autumn foliage. 25 cts. each, $2.50 per doz.

Rugosa. JAPANESE ROSE. The large, handsome foliage of this Rose and its great showy, single pink or white flowers have made it exceedingly popular for a number of uses. It forms a handsome, compact bush, made very attractive all season by continuous fine flower-clusters and large scarlet fruits. For groups and hedges (page 39) it is greatly in demand. Strong plants from open ground, 30 cts. each, $3 per doz.; 2-year-olds, 40 cts. each, $4 per doz.

Wichuraiana. See preceding page.

Hardy Ornamental Vines

CLIMBING Vines are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. Indeed, nothing so quickly tones down the roughness of a new place as some of our rapid climbers. Before the trees are large enough to afford either shelter or coolness, vines wlll hide ugly walls or fences and screen sunny porches. We offer the most desirable hardy sorts, and recommend a free use of them.

ACTINIDIA arguta (*A. polygama*). This Japanese vine has thick, glossy leaves and beautiful creamy white flowers of delightful fragrance, borne through midsummer. The odd, greenish fruits which follow are large and plum-shaped, edible, with a fig-like flavor. One of the most beautiful vines for northern climates. 25 cts. each, $2.50 per doz.; extra size, 40 cts. each, $4 per doz.

AKEBIA quinata. A clean, quick-growing Japanese climber, with quaint five-lobed, nearly evergreen leaves, and fragrant dark purple flowers. Fine for porch pillars, arbors and trellises. 25 cts. each, $2.50 per doz.

AMPELOPSIS. THE AMERICAN IVIES. These are good vines for covering walls, tree trunks, etc. They are perfectly hardy, grow fast, need little care or training, and color brilliantly in fall. **A. Veitchii,** the JAPANESE or BOSTON IVY, clings closely and tenaciously to supports of any sort, forming a smooth wall of glossy leaves. **A. quinquefolia,** our native VIRGINIA CREEPER, is a more vigorous form, with five-parted leaves. It is just as bright in autumn, but does not cling so close to walls and is more useful for lattice-work, screens, tree-trunks, etc. Its variety, **A. q. Engelmanni,** which clings more closely and grows very fast, is often used for covering buildings, etc. **A. tricolor** has grape-like leaves, beautifully marbled with white, pink and green. The four varieties are 15 cts. each, $1.50 per doz.; extra-sized plants, 30 cts. each, $3 per doz.

ARISTOLOCHIA Sipho. DUTCHMAN'S PIPE. The curious pipe-shaped brown flowers are attractive, but the vine is grown chiefly for its enormous light green leaves, which so quickly furnish a cool shade. 50 cts. each, $5 per doz.

BIGNONIAS. Also frequently classed as Tecoma. These shrubby climbers have very large and handsome flowers of open trumpet form, borne in clusters. Their foliage is pinnate, their growth vigorous and rapid. For summer houses, arbors, porches, screens, etc., they are favorite vines. **T. radicans,** the **TRUMPET CREEPER,** is our native sort, with great deep scarlet blooms. 25 cts. each, $2.50 per doz. **T. grandiflora** has larger, brighter flowers. 50 cts. each, $5 per doz.

CELASTRUS scandens. **BITTERSWEET.** A native vine, with good foliage, grown chiefly for its thick fruitage of scarlet and orange berry clusters, which cling to the vine all winter. 20 cts. each, $2 per doz.

CLEMATIS. See special list. Page 43.

DIOSCOREA Batatas. **CINNAMON VINE.** An odd and pretty vine that is easily established and grows very fast. Its small white flower-clusters have a cinnamon fragrance; the leaves are heart-shaped and glossy, bearing in their axils, all along the vine, curious little brown tubers. 10 cts. each, $1 per doz.

DOLICHOS Japonica (*Pueraria Thunbergiana*). **KUDSU VINE.** This vine has been known to grow 45 feet in a season. It has immense three-lobed leaves and small racemes of purple pea-shaped flowers. 25 cts. each, $2.50 per doz.

HEDERA. **THE IVIES.** These, like the Honeysuckles, have been long in use and are well known. **H. Helix** is the fine old **ENGLISH IVY** of literature. Where not exposed too much nothing is finer for covering buildings, tree-trunks, graves, etc. Its perfectly evergreen habit makes it invaluable. **H. Hibernica,** the **IRISH IVY,** is also a large-leaved, luxuriant, well-known sort, adapted to similar uses. 25 cts. each, $2.50 per doz.

IPOMŒA pandurata. **HARDY WHITE MOONFLOWER.** A perfectly hardy, strong, branching vine that grows from a large, tuberous root. Through early summer and late autumn its deep green heart-shaped leaves are spangled with great satiny white flowers, flushed with purple in the throat. 10 cts. each, $1 per doz.

JASMINUM officinale, our **COMMON WHITE JESSAMINE,** is hardiest when planted on the south side of a wall or building. It grows fast and has sprays of sweet white flowers. 25 cts.

LONICERA. **THE HONEYSUCKLES.** These loved old vines have lately been put to a number of new uses, especially in the line of covering hedges and bare patches of ground on banks and under trees where grass will not grow. For porches, trellises and arbors they have always been popular. In sheltered places they are nearly evergreen. **L. brachypoda aurea reticulata,** the **JAPAN GOLDEN HONEYSUCKLE,** has bright yellow leaves, veined with green, and clusters of fragrant, cream-colored flowers. **L. Halliana, HALL'S HONEYSUCKLE,** one of the best and most useful forms, bears continuous crops of sweet white and buff blossoms. **L. sempervirens,** the **SCARLET TRUMPET HONEYSUCKLE,** is most brilliant of all in bloom. It has thick clusters of long, tubular scarlet blossoms and bluish green leaves. **L. Sinensis,** or **Japonica,** has fragrant white and pink flowers. **L. Brachypoda** holds its glossy green leaves later in the autumn than any other variety. All the Loniceras are 25 cts. each, $2 per doz., $15 per 100; pot-grown, $3 per doz.

LYCIUM Chinense. **MATRIMONY VINE.** Of marvelous vigor and fruitfulness. Every new growth is at once covered with bright purple flowers, succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them from spring until late winter. 25 cts.

PERIPLOCA Graeca, the **SILK VINE,** climbs rapidly, has pretty silky leaves and axillary clusters of quaint purple-brown flowers. 25 cts.

VINCA. **TRAILING MYRTLES.** These grow in shaded places as well as in sun, matting the ground thickly with evergreen leaves. They have fine blue or lilac flowers in spring. For covering graves, bare spots under trees, etc., few plants are finer. **V. major** and its variegated variety, **V. m. variegata,** have large rich leaves, and are used also for lawn vases and baskets. 20 cts. each, $1.50 per doz. **V. minor** has narrower, dark green leaves. 10 cts. each, $1 per doz., $5 per 100.

WISTARIAS. These are superb vines for training high into heavy wreaths about façades of buildings, and for growing in tree form. Four or five Wistarias of contrasting varieties are frequently used, with only slight supports, to form a complete summer-house. **W. Sinensis,** with cascades of lovely light blue flowers, is one of the finest forms. Its white variety, **W. S. alba,** is beautiful for contrasting with it. **W. magnifica** has flowers of rich lilac-blue. **W. multijuga** is a giant type, with enormous, showy clusters of double flowers in a rich lilac shade. Large, strong plants of all varieties, 50 cts. each, $5 per doz.

THE CLEMATISES

No climber that we grow produces such rich sheets of bloom for so long a season or so lavishly. As a decoration for verandas, walls or arbors it has no rival among strong-growing, blossoming vines. We offer the most satisfactory varieties at 40 cts. each, $4 per doz., except where otherwise noted.

Baron Veillard. A superb new sort, with large flowers of bright pink.

Coccinea. Flowers scarlet, bell-shaped. 25 cts.

Duchess of Edinburgh. The best pure white double variety.

General Grant. Very large flowers of reddish violet. Exceedingly handsome and vigorous.

Gypsy Queen. Rich velvety purple.

Henryi. Creamy white; of very large, fine form and quite fragrant.

Jackmanni. Remarkable for the velvety richness of its intense royal purple flowers. Blooms in successive crops all summer.

Madam Edouard Andre. NEW RED CLEMATIS. Flowers quite large; of a beautiful, bright velvety red.

Miss Bateman. Silvery white, dark anthers.

C. paniculata. This famous novelty from Japan has been so widely advertised that it is pretty well known. It blooms more freely than any other small-flowered white Clematis, and is of very clean, quick, luxuriant growth. Its fragrant pure white flowers are massed in showy panicles. 1-yr. plants, 15 cts. each, $1.50 per doz.; 2-yrs., 25 cts. each, $2.50 per doz. See Plate XII.

Ramona. Lavender. Very large.

Rubra grandiflora. Red-flowered; fine.

Hardy Perennial Plants

SOME of the finest flowers of the whole season are supplied by hardy perennials. Until hardy plants come into more general use we cannot hope for permanently interesting and really artistic gardens in this country. A good selection of them, carefully planted, quickly becomes effective and increases in beauty from year to year. We offer good, strong roots of the genera and species found most satisfactory in general planting. Write us for prices on large quantities of plants.

ALTHEA rosea. HOLLYHOCKS. For planting in rows or groups on the lawn, or interspersing with shrubbery these are invaluable. We offer the beautiful **Allegheny Strain,** with flowers wonderfully formed of loosely fringed silken petals. The colors vary from palest shrimp pink to deep red, orange, white, etc. Strong 2-year plants that will flower this season, 30 cts. each, $3 per doz.; young plants, 15 cts. each.

DICENTRA spectabilis. BLEEDING HEART. This is a beautiful old hardy plant, with fine leaves and long, arching racemes of drooping heart-shaped pink flowers. It soon forms fine clumps. 15 cts. each, $1.50 per doz.

HEMEROCALLIS disticha. A fine border plant. It has narrow leaves and abundant clusters of deep tawny orange flowers. 20 cts. each, $2 per doz.

HIBISCUS. Crimson Eye. Showy, perfectly hardy and very free in bloom. The great pink and white flowers have deep velvety crimson centers. 10 cts. each, $1 per doz., $8 per 100.

PAEONIA officinalis. Herbaceous Peonies. Some of these great flowers are as perfectly formed and delicately tinted as Tea roses, others are deep and brilliantly colored, or striped and tipped like carnations. All bloom very early and are superb in effects. We offer a large collection of Choice Named Varieties, in all colors from deep crimson to pure white, at 50 cts. each, $5 per doz. Mixed Unnamed Varieties, in good assortment, 30 cts. each, $3 per doz.

YUCCA filamentosa. Adam's Needle. When planted against evergreens these give almost the effect of statuary, so massive and marble white are their great flower-stalks. Used for grouping among shrubbery, and for walk and terrace decoration, etc. 20 cts. each, $2 per doz.; larger plants 50 cts. each, $5 per doz. See Plate XIV.

THE IRISES

We especially wish to call attention to the value of the Iris for groups, for planting in masses on the lawn or among shrubbery, or for naturalizing in wild or uncultivated places. When planted in masses they produce a display of large, bright flowers, not equaled by anything else in their season. The most effective way to plant a mass is to use one color only, and it should be distinct and showy. See Plate XI.

I. Germanica. German Iris. Fine named varieties, including many beautiful colors. 15 cts. each, $1.50 per doz., $10 per 100.

I. Kæmpferi. Japanese Iris. The flowers of these Irises grow to an enormous size, averaging 6 to 8 inches in diameter, while the beauty and variety of their coloring surpass description. For want of space we do not give a descriptive list in this catalogue of the varieties. When selection of kinds is left to us, the best and most distinct sorts will be sent. Good named varieties, 25 cts. each, $2.50 per doz., $18 per 100. Good mixed varieties, 15 cts. each, $1.50 per doz., $10 per 100.

ORNAMENTAL GRASSES

These are among the finest of all hardy plants for bedding. All are exceedingly graceful, with large and plumy flower-heads.

ARUNDO donax variegata. Foliage creamy white and green. 40 cts. each, $4 per doz. See Plate XIII.

EULALIA gracillima univittata. The narrow green leaves have a conspicuous white midrib. 20 cts. each, $2 per doz.

E. Japonica striata. Green leaves, striped with white. 20 cts. each, $2 per doz.

E. Japonica zebrina. In this the yellow stripes run across the leaves. 25 cts. each, $2.50 per doz.

ERIANTHUS Ravennæ. Leaves green; feathery plumes a foot long. 25 cts. each, $2.50 per doz.

GYNERIUM argenteum. Pampas Grass. The silvery plumes are produced on stems 6 to 8 feet high. Strong plants, 30 cts. each, $3 per doz.; extra strong clumps at 50 cts. each.

PERENNIAL PHLOXES

These vary from 1 to 4 feet in height and bloom from early summer until autumn. The flower-panicles are of brilliant colors, pyramidal and often 6 inches across.

We offer a fine collection of the best European varieties at 20 cts. each, $2 per doz., $15 per 100.

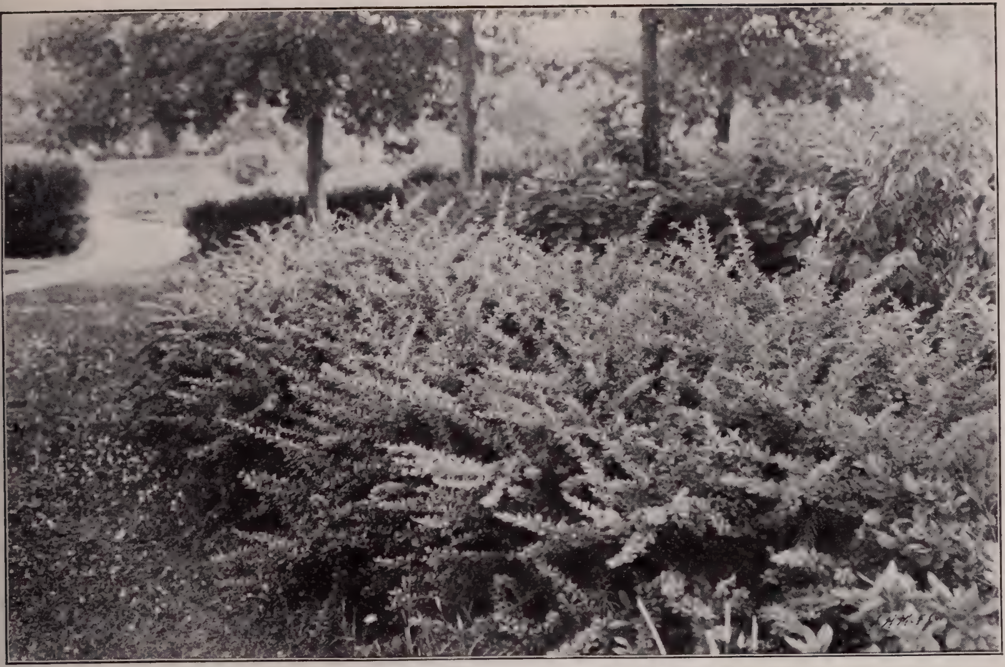
DAHLIAS

These well-known herbaceous, tuberous-rooted plants have become more popular of late on account of many of the acquisitions obtained in the newer introductions, some of which are tall-growing varieties, but most of which are dwarf in habit and beautiful in color of flower. Plant in early spring.

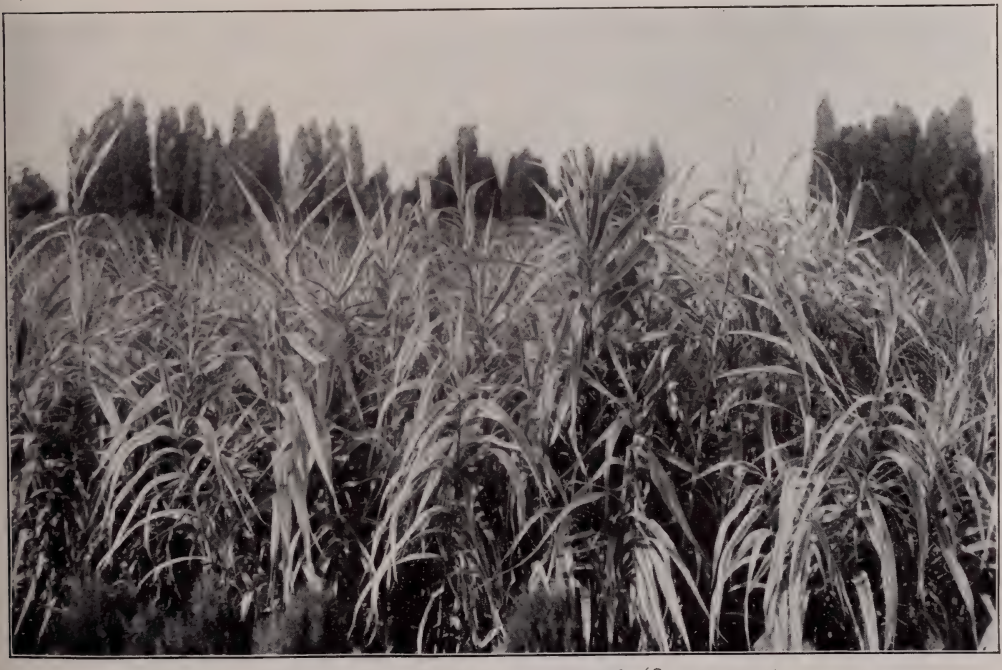
Price for undivided roots, 20 cts. each, $2.50 per doz., $12 per 100.

RARE WATER LILIES, CHOICE AQUATICS

We can supply our customers with a full line o these desirable plants upon reasonable terms. Selections and estimates made on application.

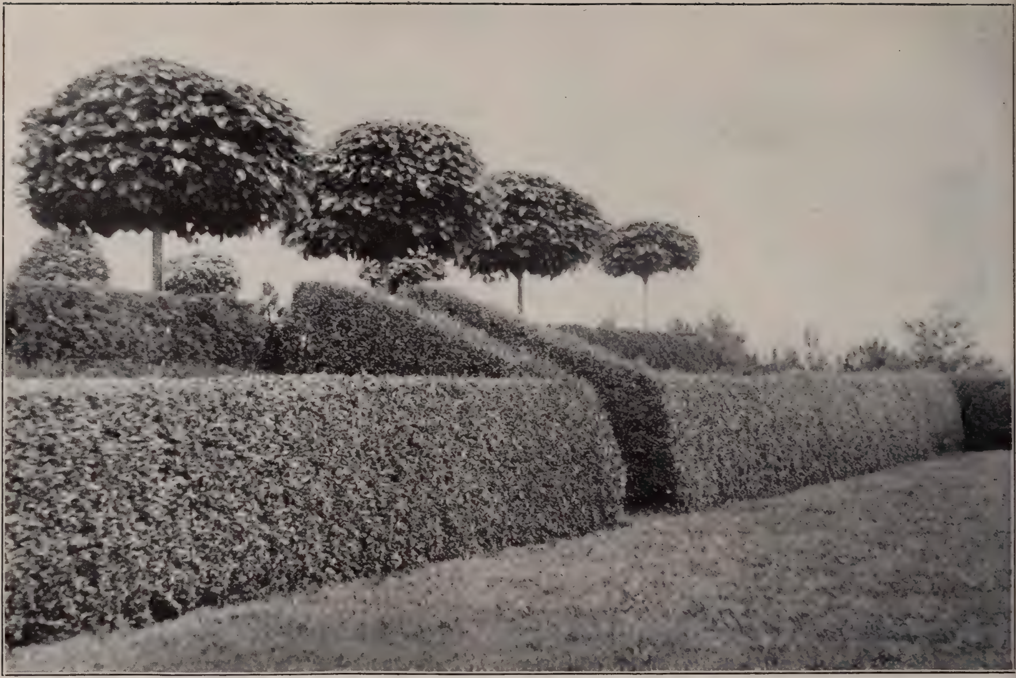


Berberis Thunbergii (See page 28)

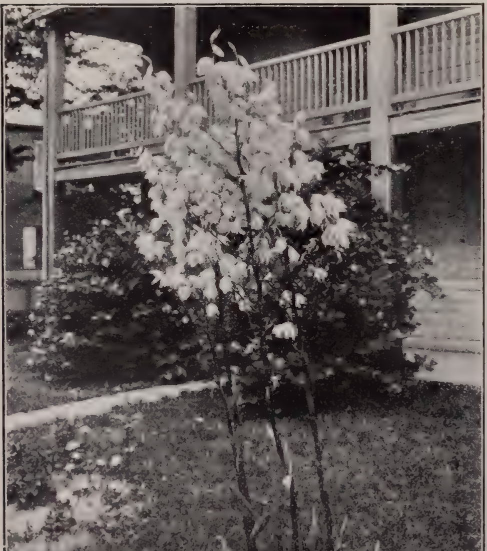


Arundo donax variegata, at Glenwood (See page 44)

PLATE XIII



Catalpa Bungei (see page 6) and Privet Hedge (see page 30)



Yucca (see page 44)

Eulalia striata, at sunset (see page 44)

PLATE XIV

Hardy Fruits and Nuts

We cannot furnish any varieties or sizes not included in this list

FOR the orchard and garden we supply clean, well-rooted stock of Fruit Trees and Plants. In the following pages we offer the varieties found most generally satisfactory over a wide range of country, together with the more promising new sorts. As these are now pretty well known through the wide advertising of those who grow fruits alone, we omit descriptions, but our friends who are not acquainted with varieties may rest assured that these are the best.

APPLES

Unless otherwise noted, 50 cts. each, $5 per doz., $25 per 100

EARLY VARIETIES.—Autumn Strawberry, Cornell's Fancy, Early Harvest, Fall Pippin, Gravenstein, Maiden's Blush, Red Astrachan, Wealthy, Smokehouse.

WINTER VARIETIES.—American Golden Russet or Sheepnose, Baldwin, Ben Davis (New York Pippin), Bismarck, Fallawater, King of Tompkins County, Northern Spy, Pewaukee, Rambo, Rhode Island Greening, Seek No Further, Smith's Cider, Sutton Beauty, Talman's Sweet, Wolf River, York Imperial.

CRAB APPLES.—Very ornamental when in fruit or flower, and excellent for preserving—Gen. Grant, Hyslop, Martha, Transcendent, Whitney. 50 cts. each, $5 per doz.

PEARS

First-class trees, 5 to 6 feet, 50 cts. each, $5 per doz., $35 per 100

Pears can be grown in almost any good soil, with the same treatment as apples.

In **STANDARD PEARS** we furnish the following list:

SUMMER VARIETIES.—Bartlett, Beurre Giffard, Buffum, Clapp's Favorite, Doyenne d'Ete, Manning's Elizabeth, Osband's Summer, Tyson, Wilder.

AUTUMN VARIETIES.—Belle Lucrative, Beurre d'Anjou, Beurre Bosc, Flemish Beauty, Howell, Kieffer, Seckel, Sheldon, Vermont Beauty.

Worden-Seckel. 75 cts. each, $7 per doz.

WINTER VARIETIES.—Duchesse de Bordeaux, Lawrence, Rutter, Winter Nelis.

DWARF PEARS require thorough cultivation to grow them to perfection, but are desirable in small yards. Plant deep enough to cover the junction of the Pear and quince 2 or 3 inches. We offer Duchesse d'Angouleme, Louise Bonne de Jersey, Bartlett, Beurre d'Anjou, Clapp's Favorite, Howell, Lawrence, Seckel. 35 cts. each, $3 per doz.

PLUMS

First-class trees, 60 cts. each, $6 per doz., $40 per 100

Bradshaw, Coe's Golden Drop, General Hand, German Prune, Guii, Imperial Gage, Lombard, Reine Claude, Shipper's Pride, Shropshire Damson, Yellow Egg, Yellow Gage.

JAPAN PLUMS. We offer the best varieties, Abundance, Burbank, Hale and Satsuma, at 50 cts. each, $5 per doz., $30 per 100.

PEACHES

Extra size, 25 cts. each, $2 per doz., $12 per 100, $100 per 1,000;
4 to 6 ft., 15c. each, $1.50 per doz., $9 per 100, $75 per 1,000.

Alexander, Amsden's June, Chair's Choice, Champion, Crawford's Early, Crawford's Late, Crosby, Elberta, Globe, Lemon Cling, Mountain Rose, Oldmixon Free, Orange Free, Reeves' Favorite, Smock, Stephen's Rareripe, Stump the World, Triumph, Wonderful.

Bearing-age trees of a few varieties only can be furnished of standard Pears, Plums and Cherries. $1 each, $10 per doz.

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FORMAL GARDENS AND EVERGREEN PLANTING DESIGNED AND EXECUTED BY US

Successful Landscape Planting

Landscape engineering in all its branches carefully arranged and executed by the comprehensive organization of the Wm. H. Moon Co. We make a specialty of drawing plans showing best locations for walks, drives and ornamental planting, and are prepared to carry to completion all branches of landscape adornment.

GROUP OF EVERGREENS AT GLENWOOD

We are not restricted in territory. Our operations are confined to no particular field or place, and our experience and facilities warrant us in recommending our services to prospective clients anywhere in the broad land of America.

We solicit correspondence from all who contemplate improving and beautifying their grounds, whether it be in the lawn of the modest home or the vast estate of the wealthy. Our booklet on "Successful Landscape Planting" will be mailed to all who write us concerning work in this branch of our business.

The Horticultural Art Book

Is an annual publication presented with the compliments of THE WM. H. MOON COMPANY to customers and other interested horticulturists. It is not only a catalogue of the productions of the

Glenwood Nurseries

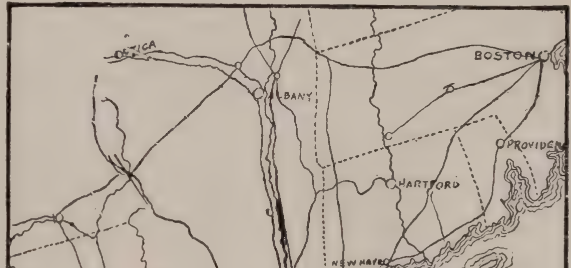
containing varieties, sizes and prices, but it is an Art Book, illustrating individual trees and shrubs, as well as showing the results obtainable with our products, when placed under the skill of our Landscape Experts. It is also a handbook containing descriptions of the character of growth, color of flower or fruit, and adaptability to location or effect to be produced. It contains notes regarding hardiness of certain varieties and is intended to combine in a condensed form all the information regarding Hardy Trees, Shrubs, Vines, and other items listed herein, as will enable the seeker after knowledge of this character to intelligently select such varieties as will produce desired results.

Nevertheless, we do not recommend everything in this book as being the very best or most desirable for everybody. Some varieties are best adapted to certain localities; others are singular or grotesque specimens of plant growth, admired by many and wanted by only a few. But it is our business to cater to all tastes, and therefore it is necessary to enumerate many things which are valued especially because rare or odd.

The collection, propagation and growth of such a stock has thus required many years of careful, persistent research and toil; for we have striven for superiority of quality and genuineness of variety in all branches of our trade, and we now invite your inspection of our Nursery of upwards of three hundred acres on any day except the Sabbath. A much better idea of our stock can be obtained in this way than from the most explicit descriptive catalogue.

The Glenwood Nurseries were established thirty-two years ago and have so increased their plant and production as to now rank as the leading Ornamental Nursery in the United States; carrying many lines of choice ornamentals, especially Evergreens and the largest assortment of American-grown acclimated specimen trees. The adaptability of our land insures a vigorous, healthy foliage and fine fibrous root system.

The map shows the central location of the Glenwood Nurseries, near Morrisville, Bucks county, Pa., on the line of the Pennsylvania Railroad. They



Glenwood Nurseries

are at Morrisville, Pa., immediately opposite Trenton, N. J., thirty miles or forty-five minutes from Philadelphia, and sixty miles or seventy-seven minutes from New York.

are about one mile from Trenton, N. J., thirty miles from Philadelphia, and sixty miles from New York, and are accessible by either the Pennsylvania Railroad (New York Division), or the Bound Brook route to Trenton, N. J., where carriages can always be obtained at the depots. The New Jersey and Pennsylvania Traction Company's trolley passes our nurseries, leaving Warren and Hanover streets, Trenton, N. J. and Yardley station, on the Bound Brook Railroad, which is about two miles distant.

BUSINESS TERMS

If our prices on any article may appear higher than those of some of our competitors, be assured that they are only enough higher to compensate for the superiority in quality that we expect to give every purchaser. Life is too short to squander in nursing sickly trees or worthless varieties.

Our Terms are net cash or satisfactory reference. Orders from unknown parties, whose financial rating is not recorded in Dun or Bradstreet, must be accompanied by reference or a Draft on New York or Philadelphia, or Registered Letter or Money Order on Morrisville, Pa.

Please Write Orders on separate sheet, apart from the body of the letter; please also give name and address distinctly.

Packing and Shipping. No charge is made for packing or for delivery to freight depots or express offices in Trenton, N. J. Plain and explicit shipping directions should be given with every order, naming mode and route for forwarding; otherwise we will use our own judgment; but, upon delivery to railroad, steamboat or express companies, our responsibility ceases.

Errors. In the press of business, errors sometimes may occur, of which we desire to be informed at once, that we may make proper amends, as we wish to render full satisfaction to all favoring us with their custom.

A Certificate of Inspection as to healthfulness and freedom from disease accompanies every shipment of our stock.

Our Philadelphia Office is at 616 Stephen Girard Building, 21 South Twelfth street, where any information in regard to our nursery stock may be obtained by all in that vicinity, and where all who wish to consult us in regard to landscape work should apply.

Address all correspondence to

James M. Moon, *President*
Henry W. Comfort, *Vice-President* } *Directors*
Edward C. Williamson
Wm. H. Moon, *Sec., Treas. and Gen. Mgr.*
Henry T. Moon, *Assistant Manager*

THE WM. H. MOON CO.
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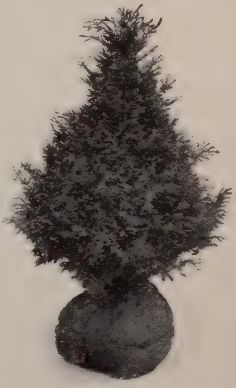
GROUP OF HEMLOCKS. (See page 19.)

Coniferous Evergreens

EVERGREENS are our great specialty. To produce the finest in the United States has been our aim for over a quarter-century. The successful transplanting and handsome growth of "Moon's Evergreens" have become proverbial, and the ever-increasing demand is both reward and incentive. The soil of the Glenwood Nurseries is especially adapted to the growth of Evergreens, insuring fine, fibrous roots. Frequent root-pruning in midsummer and early autumn also contributes largely to their success when transplanted, and our method of shipping specimen trees, with balls of earth and burlap covering about the roots, practically insures fine growth when planted again. Evergreens may be planted in spring, or with equal success later, in August and September. They cannot be valued by height alone; the shearings frequently given them are to reduce their height and make them grow into beautiful symmetrical specimens. Spindling odds and ends might measure more than our well-pruned, bushy, symmetrical young trees, and yet not be worth the planting.

This fact makes it very difficult to describe evergreens fully, and accounts for difference in price where but slight difference in height occurs. At Glenwood



EVERGREEN DUG WITH BALL OF EARTH AND READY FOR PACKING.

we have many specimen Evergreens whose beauty must be seen to be fully appreciated, and we cannot too strongly emphasize the fact that buyers should, when at all possible, visit our nurseries to inspect the splendid stock we offer. The central location of the Glenwood Nurseries, as shown by the map on page 3, is thus an advantage that is yearly more realized.

Besides their recognized value for specimen trees, massing, shelter-belts, screens, hedges, etc., the tall Evergreens form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver blue growths of smaller Evergreens.

With Evergreens of moderate growth, beautiful effects are produced by planting close together in beds, varieties that contrast finely. For such hardy beds of permanent color, the Retinosporas, Arborvitæs, Blue Spruce, etc., are particularly useful. Hotels and private homes also use them for filling window boxes and jardinieres for interior decorations. The different forms of Arborvitæ, Retinospora, Spruce, Pine and Juniper are preferred for this purpose. The contrasting colors of green, silvery blue and golden foliage give a gay and beautiful appearance to these combinations, whether in window boxes or in more extensive outdoor plantings of beds or borders. There is an increasing appreciation of and demand for these evergreen decorations.

If those who intend planting Evergreens will confer with us, we can offer valuable suggestions and may be able to name special inducements on certain varieties in quantity.

Species marked (L) usually attain at maturity a height of 60 feet. (M) signifies from 30 to 60 feet. (S) from 10 to 30 feet. (D) 4 to 10 feet, and (V D) below 4 feet.

Abies · The Firs

INCLUDING THE SPRUCES—PICEA AND PSEUDOTSUGA

One of the largest and most valuable groups of evergreens. The varied forms embrace trees of all sizes and of a wide range of color. Firs and Spruces are so similar that they are catalogued together; all are strong, hardy growers that are indispensable in landscape planting. Most valuable trees for grouping, specimens, windbreaks and hedges are found in this collection.

Abies Apollinis. (M) Similar to Nordmann's Fir, but has lighter foliage and is more compact.

3 feet, specimens	$5 00
5 to 6 feet, specimens	$10 00 to $15 00

A. balsamea. Balsam Fir. (M) An ornamental native of our forests, that is very hardy; has dark green needles of pleasant fragrance, grows rapidly when young and does well in moist places. 2 to 3 feet, 75 cts.

A. Cilicica. (L) A beautiful tree with narrow, flat leaves fine dark green above and silvery white beneath. 1 to 1½ feet, $1.50.

A. Cephalonica. Cephalonian Fir. (M) A broad, pyramidal variety of European origin. Foliage a beautiful dark green. Makes handsome specimens. 1½ to 2 feet, $2.

A. concolor. Colorado Fir. (L) A distinct hardy species from the western states. Foliage a silvery green and of fairly rapid growth.

2 to 3 feet	$2 50 to $5 00
3 to 4 feet	6 00 to 8 00

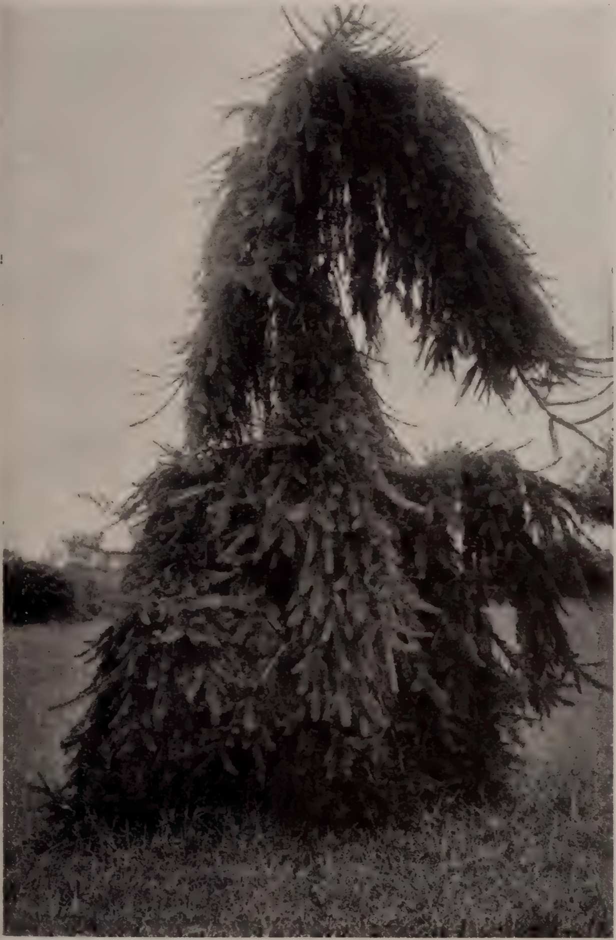
A. Fraseri. Double Balsam Fir. (L) Similar to the well-known Balsam Fir, but of finer habit, with darker foliage and of longer life. A cheap, quick-growing, desirable evergreen.

1 to 2 feet	$0 50
2 to 3 feet	1 00

A. nobilis, var. glauca. Noble Silver Fir. (L) A beautiful conifer whose foliage is a silvery blue and harmonizes well with the darker coloring of the older needles. It is particularly handsome in the spring. 1½ to 2 ft., $2.

Abies Nordmanniana. NORDMANN'S FIR. (L) Thick, dense tree of beautiful proportions. The needles are wide, dark green and lustrous, with a silvery under surface that sparkles in the sun. This is one of the prettiest and best evergreens that we offer. It sometimes winterkills in the New England States; but is handsome as a specimen and for grouping.

1 to 2 feet	$1 00
3 to 4 feet	$5 00 to 6 00
4 to 5 feet	6 00 to 10 00



PICEA EXCELSA INVERTA (See page 8)

Abies pectinata. EUROPEAN SILVER FIR. (L) A popular evergreen of rapid growth and upright habit. It is valued for many purposes and admired for the glossy dark green needles that are silvery white beneath.

2 to 3 feet	$0 75
4 to 6 feet	2 50
6 to 8 feet	3 00

A. Pinsapo. SPANISH SILVER FIR. (M) The short, coarse, steel-blue needles are disposed in whorls around the branches. Attractive.

1½ to 2 feet	$1 50

A. Pinsapo, var. glauca. In character resembling the above. Has silvery blue foliage. 1½ feet, $2.

A. Veitchii. (L) Slender pubescent branches covered with leaves of a beautiful dark green above and silvery white beneath. Very hardy in our northern states. 1 to 2 ft., $2.

Picea · Spruces

Picea alba. WHITE SPRUCE. (L) A naturally dense, hardy native tree that is much admired for the beautiful blue gray of its needles. 2 to 2½ feet, 75 cts.

var. aurea. GLORY OF SPRUCES. A novelty among Spruces, with bright golden needles in spring that grow darker as the season advances.

2 to 3 feet	$2 50
4 to 6 feet	5 00

P. Alcockiana. ALCOCK'S SPRUCE. (M) Slender branches and upright growth. Beautiful with its short, dark green needles that are silvery blue on their under surface. 1½ feet, $1.50.

P. Engelmanni. COLORADO SPRUCE. (L) A compact Spruce with bluish green foliage. It resembles the familiar Blue Spruce; is especially

Picea Engelmanni, continued.

hardy and valued for lawn planting. We offer some choice specimens.

2 to 4 feet	$2 00 to $4 00
4 to 6 feet	8 00 to 15 00

PICEA EXCELSA (See descriptiom above)

Picea excelsa. Norway Spruce. (L) This familiar Spruce is more generally useful than any of the others. It is a rapid grower; does well in most soils, and withstands the bleak, cold winds of winter. It is valued highly for shelters, windbreaks or hedges. The branches become more pendulous with age. If left untrimmed, they spread out magnificently, and make desirable specimens. If pruned, they become stately trees of symmetrical form. See also Hedge Plants.

2½ to 3 feet	$0 75
3 to 3½ feet	1 00
6 to 8 ft. specimens	$5 00 to 10 00
8 to 10 ft. specimens	15 00 to 25 00

var. conica. Dwarf, conical form, compact and dense; perfectly symmetrical without pruning; foliage dark green. 3 feet, $2.50.

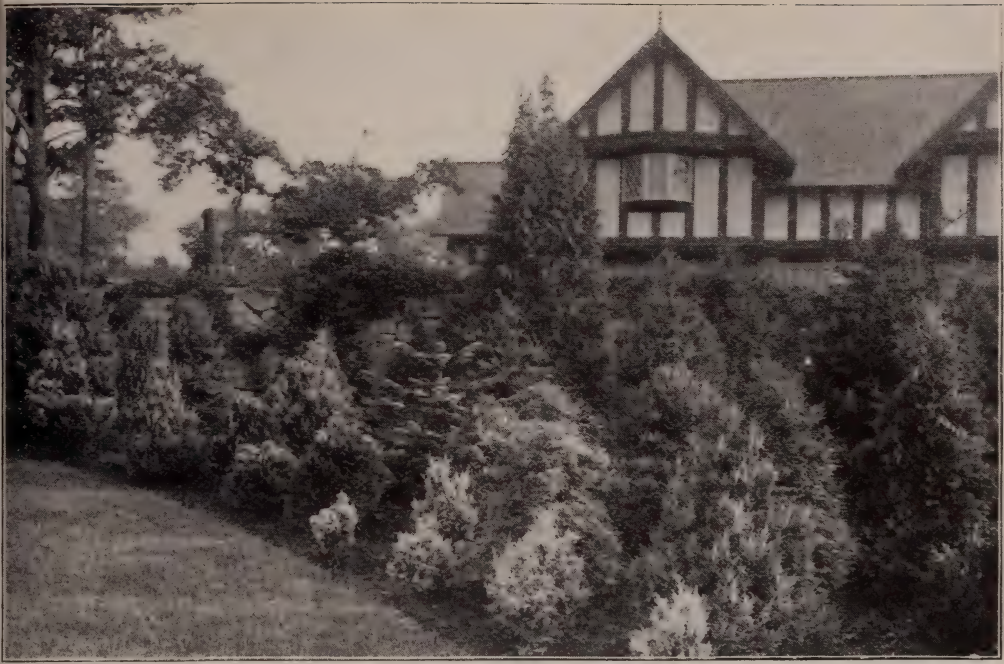
var. Gregoryana. Gregory's Spruce. (D) A low, compact form that is useful in beds or in places where a small specimen is desired. 9 to 12 inches, $1.

var. inverta. Inverted Spruce. (S) The needles are larger and brighter than those of the species. The lateral branches sprawl about in grotesque, contorted forms. The appearance is extremely odd, and the unacquainted stop to admire this tree, which to them is a freak of nature. It is very useful on lawns, and does much to break the regular outline of other evergreens.

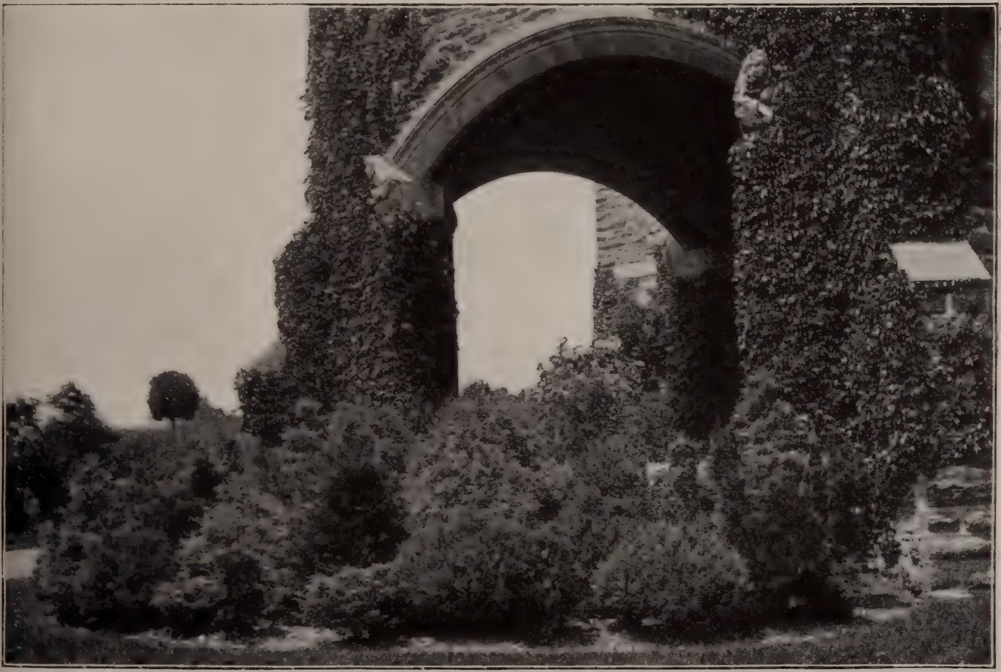
2 to 3 feet	$3 50
3 to 4 feet	5 00
4 to 5 feet	8 00
5 to 7 feet	15 00

var. Remontii. Remont's Spruce. (D) A small conical tree with dense, green foliage. Good for planting in beds. 12 to 15 inches, $1.50.

P. orientalis. Eastern Spruce. (M) Resembles the Norway Spruce somewhat, but has smaller needles



PLANTING OF CONIFERS AS A SCREEN IN FRONT OF STABLE

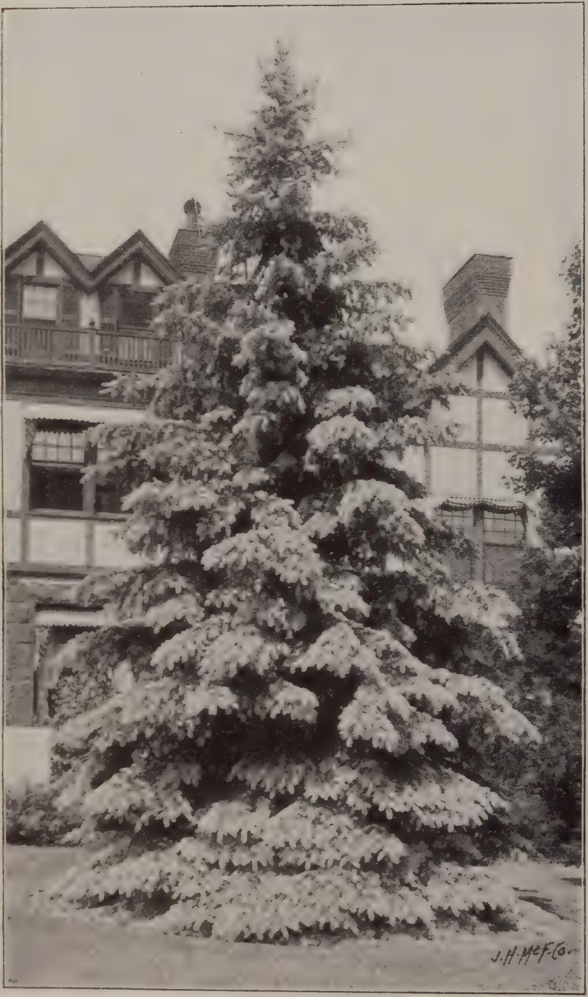


OUR EVERGREENS GROUPED AT THE BASE OF AN ARCH. AMPELOPSIS VEITCHII ON WALL

Picea orientalis, continued

of darker green, and more compact in growth. It is hardy, withstands shearing, and is one of our best evergreens for groups and specimens.

1 to 2 feet	$1 50
2 to 3 feet, specimens	$2 50 to 4 00
3 to 4 feet, specimens	5 00 to 6 00
4 to 5 feet, specimens	10 00



PICEA PUNGENS GLAUCA

Picea polita. TIGER-TAIL SPRUCE. (M) A peculiar and rare tree, with long, slender, grotesque branches. Valued in rockeries and as a specimen. 3½ to 4½ feet, $3.

P. pungens. COLORADO BLUE SPRUCE. (M) It is hardy, vigorous, long-lived and upright in habit. If pruned, it becomes dense and symmetrical; if untrimmed, open and graceful. The light silvery blue coloring is a rare bestowal of nature, and one she has saved for these grand trees. For color contrasts in groups of evergreens, or as ornaments to any lawn, they stand without a peer. In seedlings the color is variable—sometimes almost green. Ungrafted seedlings.

1 to 2 feet	$1 50
2 to 3 feet	2 50
3 to 4 feet	3 50
4 to 5 feet	5 00
6 to 7 feet	7 00

var. glauca. (M) Of similar character to the preceding, with a more pronounced light blue coloring. We graft from the best "blues" obtainable and secure fine well-colored specimens, which we can guarantee to be true to name.

1 to 2 feet	$2 50
2 to 3 feet	3 50
3 to 4 feet	$7 00 to 10 00

var. Kosteriana. KOSTER'S BLUE SPRUCE. (M) In this new variety the color is a deeper, richer blue. It is the highest type of Blue Spruce, and one that cannot be too highly recommended. This is one of the finest ornamental evergreens ever introduced, and a specimen or two, of the kind of trees we furnish, on the lawn, adds a dignity and beauty to it hard to describe. Our stock is grafted from Koster's best "true blue" trees.

1 to 2 feet	$2 00
3 to 4 feet	$10 00 to 15 00

Write for prices by the dozen and hundred

Pseudotsuga

A group of evergreens similar to the spruces.

Pseudotsuga Douglasii. Douglas' Spruce. (L) A very hardy tree, from Colorado, with soft, dark green foliage, sometimes almost glaucous. A desirable specimen and beautiful tree.

1 to 1½ feet	$0 50
1½ to 2 feet	1 00

Cedrus · The Cedars

These are the true Cedars. They are not entirely hardy north of Philadelphia, though in sheltered positions they grow into beautiful trees. On lawns and public grounds they are very ornamental, and where possible we recommend their more general use.

Cedrus Atlantica, var. glauca. Mt. Atlas Silver Cedar. (M) A rare pyramidal tree with open branches and light bluish foliage. It is very attractive. 2½ to 3 feet, $2 each.

C. Deodara. Deodar, or Indian Cedar. (M) The branches are graceful and drooping, with a silvery light blue foliage. A fine specimen tree.

1½ to 2 feet	$1 50
2 to 2½ feet	2 50

Cephalotaxus

These are handsome Chinese Evergreens, similar to the yews, but with broader light green foliage. They are quite dwarf and attractive for specimens and rockeries, but require protection north of Philadelphia.

Cephalotaxus drupacea. (S) The smallest species, with rather stiff, spreading branches. 2 to 3 feet, $4 to $5 each.

C. Fortunei. (S) More graceful than the above, with slender branches and darker foliage. 3 to 4 feet, $3.50 to $5 each.

Cryptomeria

Cryptomeria Japonica. (M) Pendulous, open habit, with light glaucous foliage somewhat similar to that of a juniper. In fall and winter it changes to bronze. A valuable tree but not hardy much north of Philadelphia. 2 feet, $1.50.

Cupressus · Cypress

Graceful conifers of pyramidal habit and vigorous growth, with dense, elegant foliage. They grow well in most soils and form beautiful specimens, but they require protection north of Philadelphia.

Cupressus Lawsoniana. Lawson's Cypress. (L) Drooping branches clothed with soft, dark green foliage. 1½ to 2 feet, $1.

var. versicolor. The branches are beautifully tipped with variegated foliage. 2 to 2½ ft., $2.

Juniperus · The Junipers and Cedars

A group remarkable for the varied forms it embraces. Trees of medium height down to the smallest dwarfs are included here, while different green, yellow and silvery hues characterize the foliage. Junipers possess remarkable vigor, and thrive in bleak, barren situations; in poor, stony soils; in low, damp ground; at the seashore, or almost anywhere. The columnar forms are valued for formal effects, or to break the monotonous outline of other trees; the trailing ones for rocky slopes and sand-banks. They are all much used for shelter-belts, screens, specimens, bedding and grouping.

Juniperus Canadensis, var. aurea, syn., **Douglasii.** Douglas' Dwarf Golden Juniper. (V D) A low, spreading form with golden yellow foliage that turns a beautiful bronze in winter. It is very showy as an edging and beautiful in groups and rockeries. It is admired wherever a hardy little golden evergreen is needed, and we recommend it highly.

1 to 1½ feet	$0 75
1½ to 2 feet	1 50

Juniperus communis, var. Hibernica. Irish Juniper. (S) A slender, columnar tree, with glaucous green foliage. Very useful in formal planting; for grouping with other evergreens and for small yards, rockeries and cemeteries.

1½ to 2 feet	$0 25
3 to 4 feet	75
4 to 5 feet	1 25

var. pyramidalis. Pyramidal Juniper. (S) Similar in habit to the above, but a taller and more rapid grower; less dense, lighter color.

1½ to 2 feet	$0 25
3 to 4 feet	1 00
4 to 5 feet	2 00

var. Suecica. Swedish Juniper. (S) Very hardy; closely resembles *J. Hibernica*, but has a lighter and bluer tint to its foliage.

1½ to 2 feet	$0 25
2 to 2½ feet	75

J. Japonica. Japanese Juniper. (D) A form useful for rockeries and specimens, with light green and glaucous foliage. 1½ to 2 feet, $1.

var. aurea. Golden Japanese Juniper. (V D) A low spreading tree of bright golden yellow, even in winter. 6 to 10 inches, $1.

Juniperus Sabina. Savin Juniper. (V D) Another spreading form, with deep, dark green foliage. Very valuable for rockeries, grouping and borders, making a pleasing contrast to other low-growing trees.

1 to 1½ feet	$0 75
2 to 3 feet	1 50

J. Virginiana. Red Cedar. (M) A familiar tree, of medium size and pyramidal habit. It is extremely hardy and thrives even in barren places where other trees will not grow. 2 to 3 feet, 75 cts.

var. elegantissima. (M) Has bright, golden foliage in the spring and summer, that turns to a coppery hue in the winter. It resembles the above in form and is hardy and useful for contrasts and grouping.

3 to 4 feet	$2 00
4 to 5 feet	3 00

var. glauca. (M) Another form that is more open and beautiful with its shining, silvery blue leaves. 4 to 5 feet, $2.50.

Picea. See page 7.

Pinus · The Pines

The Pines endure a wide range of climatic conditions. They are natives of our lowlands and mountainous regions, and withstand well the cold, bleak winds to which they are subjected. They are mostly of pyramidal habit, grow rapidly, and are not particular as to soil. Pines are very ornamental and useful on lawns and public grounds. They are so diverse in character that species may be selected for even the smallest areas as well as for vast estates. In groups, shelter-belts or as tall screens their value is highly appreciated. We annually root-prune our Pines so that they develop fine fibrous roots, enabling us to dig and ship them with balls of earth with very little risk in transplanting.

Pinus Austriaca. Austrian Pine. (L) A tall, massive tree, with spreading branches heavily plumed with long, stiff, dark green needles. A useful species along the coast, and grows equally well inland. It is popular for grouping or as specimens.

2 to 3 feet	$1 00
3 to 4 feet	2 00

Pinus Cembra. Swiss Stone Pine. (M) A very hardy and handsome Pine, with short, bluish green leaves, that grows slowly into a compact, pyramidal tree. It branches symmetrically, even at the base, and makes a beautiful ornament for small places or for contrasting with other evergreens. 1 to 1½ feet, $1.50.

Write for prices by the dozen and hundred

PINUS MUGHUS

Pinus excelsa. BHOTAN PINE. (L) In general appearance resembles the White Pine. The soft, long needles are light green, and droop in graceful fringes from the long, slender branches. It becomes a tall tree, and is very attractive where given room to develop.

3 to 4 feet	$2 00
4 to 5 feet	4 00
5 to 6 feet	10 00
6 to 8 feet	15 00

P. montana, var. Mughus. MUGHUS PINE. (D) This unique Alpine species forms a dark, dome-shaped bush, broader than its height, and sometimes almost prostrate. Valuable for planting on small lawns, terraces, rockeries, barren hillsides, or near the sea. (See illustration.)

1 foot	$1 00
1 to 1½ feet	1 50

P. radiata, syn. **insignis.** (L) A stately tree of rapid growth, with soft, bright green needles. A native of California that is rare in the East, and not hardy much north of Philadelphia. 2½ to 3 feet, $1.50.

P. Strobus. WHITE PINE. (L) The most common and quickest-growing of the Pines. It withstands the hardships of winter, grows well in sandy soils and barren places. Develops into a tall, noble tree whose ruggedness in old age is picturesque and grand. The needles are soft, and silvery green ; the horizontal branches are in regular whorls about the trunk, making the young trees symmetrical, open pyramids. It grows into naturally beautiful specimens ; makes fine backgrounds and shelter-belts, and is valuable in any planting. No tree is more valuable for use in producing artistic effects in mass planting, and it is often used for breaking up the usually monotonous sky-line effects in many of our large parks.

Pinus Strobus, continued.

2 to 3 feet	$0 75
3 to 4 feet	1 25
4 to 5 feet	2 00

P. sylvestris. SCOTCH PINE. (L) A strong and rapid grower, with spreading branches and short, stiff, bluish green needles. Not a long-lived tree, but valuable for quick effects. Generally useful, and one of the most popular Pines.

3 to 4 feet	$1 25
4 to 5 feet	2 00

Pseudotsuga. See page 11

Retinospora

Sometimes called Japan Cypress, and known botanically as Chamæcyparis. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints. The species generally are of pyramidal habit, vigorous growers, that thrive in most soils, and seldom attain a greater height than 40 feet. Their coloring is constant and attractive

RETINOSPORA, continued

at all seasons. They are useful in all ornamental plantings, and particularly well suited for color contrasts, grouping, formal effects, window-boxes and vases. Occasional shearings render them more compact and brighten their distinct, refined and attractive colors.

Retinospora, DAWSON'S GOLDEN. (M) A beautiful tree, whose bright golden foliage is pendulous and graceful. It is more open and airy than some of the species.

2 to 3 feet	$2 50
3 to 4 feet	4 00

RETINOSPORA SQUARROSA VEITCHI (See page 16)

Retinospora filifera. THREAD-BRANCHED RETINOSPORA. (M) Of pyramidal outline, with horizontal branches and drooping, deep green foliage.

1½ to 2 feet	$1 50
3 to 4 feet	5 00
4 to 5 feet	8 00

var. aurea. GOLDEN THREAD-BRANCHED. (S) More dwarf and not of such upright growth as the above. The leaves are of a bright golden color. 1 to 1½ feet, $2.50.

var. aurea pendula. WEEPING GOLDEN THREAD-BRANCHED RETINOSPORA. (M) This is a beautiful evergreen of low growth. The foliage is of a rich golden hue, with occasional leaves of deep green, that makes a striking, though pleasing contrast. The slender, thread-like branches droop gracefully to the ground, making a small golden fountain of foliage that blends most pleasingly with the green grass. It is an uncommon plant, and a very useful one for the front of groups or as specimens. 1 to 1½ feet, $3.

R. filicoides. FERN-LIKE RETINOSPORA. (S) An open form, whose soft green leaves are borne all along the branches. It is a unique evergreen.

9 to 12 inches	$1 00
1 to 1½ feet	1 75

R. flavescens, var. variegata. WHITE-LEAVED RETINOSPORA. (D) The varied tints of green, yellow and creamy white in this evergreen give it a golden appearance. The habit is dwarf and compact, and its ball-like form makes it a pretty little ornament in many places. We

etinospora flavescens variegata, con. have some handsome specimens for immediate effects.

1 foot	$0 75
1½ feet	1 50
2 to 3 feet	3 50
3 to 4 feet	5 00

. obtusa. OBTUSE-LEAVED RETINOSPORA. (M) The largest of the family. Of upright growth and very much admired. The soft green foliage, arranged in flat filaments, gives the tree an airy appearance.

1 to 2 feet	$0 75
2 feet	1 25
2½ to 3 feet	2 00

var. gracilis aurea. (S) Somewhat like the above, but more loose and open. The young green foliage is profusely marked with a bright golden yellow, making a handsome and attractive tree. 3 to 4 feet, $2.50.

var. nana. (D) A slow-growing dwarf variety that attains great age. It is popular in Japanese gardens, and attracts much attention here. The deep dark green leaves are arranged in flattened masses that rise above one another, making a dense, heavy foliage, and giving it a beautiful individuality.

6 to 10 inches	$1 00
10 to 12 inches	1 50
12 to 18 inches	2 50

var. nana aurea. (D) Similar in character to the preceding, with a clear golden colored foliage that is bright and fresh all the year. 1 to 1½ feet, $2.50.

R. pisifera. PEA-FRUITED RETINOSPORA. (M) The slender branches are open and graceful, the foliage light green above and silvery beneath. 2 to 3 feet, $2.

var. aurea. (D) A similar variety of golden color, with light, airy, attractive foliage. 1 to 2 feet, $1.50.

R. plumosa. PLUME-LIKE RETINOSPORA. (S) Of conical outline, with light, feathery green

RETINOSPORA PLUMOSA AUREA

Retinospora plumosa, continued.

foliage. It stands shearing well, and if frequently pruned becomes compact and dense. It is useful in groups, beds or for vases and window boxes.

2 to 3 feet	$1 50
3 to 4 feet	3 50
4 to 5 feet	5 00
5 to 6 feet	10 00

var. argentea variegata. (S) Similar to the preceding, with light variegated foliage. 1 to 2 feet, $1.

var. aurea. (S) The most popular and generally useful of all the golden evergreens. In character it resembles the *R. plumosa.* Is especially ornamental, and the soft, plume-like golden foliage is particularly bright in spring.

Retinospora plumosa aurea, continued.

It remains a deep yellow even through the winter. When pruned it becomes symmetrical and regular. It is low-branched, and the golden yellow foliage brushes the green grass in beautiful contrast. A vigorous grower, that is unsurpassed for color effect in grouping. It is well adapted for small lawns, and equally appropriate for larger areas. For window-boxes, vases, or formal gardening, its value is realized. We have foreseen the demand for this evergreen and have developed a choice stock, especially of the larger sizes.

2 to 3 feet	$2 50
3 to 4 feet	5 00
4 to 5 feet	10 00
5 to 6 feet	25 00
6 to 7 feet	35 00
7 to 8 feet	45 00

R. squarrosa Sieboldi. SIEBOLD'S RETINOSPORA. (S) Dwarf, compact evergreen, with bluish foliage, changing to a purplish hue in winter; a distinct coloring.

1 to 1½ feet	$0 75
1½ to 2 feet	1 25

Retinospora squarrosa, var. Veitchi. (S) Possesses the merits of *R. plumosa*, resembles in character, and is useful in the same ways The foliage is feathery, and of a rich, silver glaucous or steel-blue that contrasts finely wit the dark green and golden tints of other varieties. One of the most showy and attractive of the class.

1 to 2 feet	$1 5
2 to 3 feet	3 0
3 to 4 feet	5 0
4 to 5 feet	10 0
8 to 10 feet specimens	65 0

Sciadopitys

Sciadopitys verticillata. UMBRELLA PINE. A quite hardy, odd, Japanese tree, of pyramida character. It grows slowly to large size, is ornamental and interesting. Each branch and shoot is terminated by a whorl of umbrella-like tufts of bright green, long, gloss needles.

1½ to 2 feet	$3 0
3 to 4 feet	10 0

Taxus · Yews

The Yews are slow-growing, generally small trees, that do well in most soils and possess a particularly fresh-looking foliage. They are highly ornamental and effective as specimens or in groups. Yews withstand clipping well, but they require the protection of sheltered positions in places north of Philadelphia.

Taxus baccata. ENGLISH YEW. (S) A slow-growing, thickly branched tree, with small dark green leaves. It is very long-lived, highly ornamental, and especially desirable for cemeteries, groups and specimens. Its ability to withstand close shearing makes it useful for clipping into artificial forms.

2 to 3 feet	$2 50
3 to 4 feet	$3 00 to 4 00

var. elegantissima. ELEGANT ENGLISH YEW. (S) Rather compact form; leaves striped straw-yellow. 1 to 1½ feet, $1.50.

var. fastigiata. IRISH YEW. (S) Slender, pyramidal tree, that retains its shape without trimming; useful where little room can be given it. Dark, glossy green leaves are spirally arranged about the branches. 1½ to 2 feet, $1.50.

var. fastigiata aurea. GOLDEN IRISH YEW. (S) In character similar to preceding, with young foliage a brilliant golden yellow. It is much valued for formal work, and generally useful. 1½ to 2 feet, $2.

var. repandens. SPREADING ENGLISH YEW. (D) Very luxuriant, low-spreading tree, rarely growing over 3 or 4 feet high. Long, dark green foliage. 1 to 1½ feet, $1.50.

Write for special prices by the dozen and hundred

Thuya · Arborvitae

These highly ornamental trees, though many are of upright habit, do not grow to great heights, and are appropriate for small lawns as well as larger areas. They are generally hardy; grow vigorously in varied soils, and are easily transplanted. Their clean, neat, compact appearance and the soft, frond-like foliage, in many cases so brightly colored, make them useful in grouping, bedding, bordering and formal gardening, for cemetery and lawn specimens, for hedges, screens, window-boxes, vases and house decoration.

Thuya occidentalis. AMERICAN ARBORVITÆ. (S) Green foliage, pyramidal habit, vigorous and hardy. It is deservedly popular, and much valued for specimens, screens or hedges. See Hedging Plants and illustration below.

3 to 4 feet	$0 75
4 to 5 feet	1 00

var. aurea. GEORGE PEABODY'S ARBORVITÆ. (S) Color effect a clear, shining golden yellow that contrasts finely with darker evergreens. Of pyramidal habit, grows rapidly; has the brightest and most permanent color of all. Surely one of the handsomest of the golden tinted conifers.

1 to 1½ feet	$0 75
1½ to 2 feet	1 50
2 to 2½ feet	2 50

var. Burrowii. (S) Possesses the upright form and the dense, compact habit of the Pyramidal Arborvitæ. Particularly valued for its golden tinted foliage, that in winter turns green. Hardy and rare,—we do not know of any nurserymen growing it.

2 to 3 feet	$1 25
3 to 4 feet	2 00

var. Columbia. (S) A rare tree that is very attractive with white variegated foliage. Should be in all collections. Closely resembles *T. Queen Victoria.* 1 to 1½ feet, $1.50.

var. compacta. COMPACT ARBORVITÆ. Dwarf, dense little evergreen, having light green foliage and neat, attractive habit. Popular for beds, borders, cemeteries, or house decoration. See Hedging Plants.

1½ to 2 feet	$0 75
2 to 2½ feet	1 50

Thuya occidentalis, var. Ellwangeriana; syn., **Tom Thumb.** (D) It many respects it is similar to the Retinospora, and seems to be the connecting link between Arborvitæs and that family. It is pretty, hardy, with silvery foliage that closely resembles *T. ericoides* when young, but in winter it does not turn as dark. Its low growth and compact symmetry make it valuable for decoration in small areas.

12 to 18 inches	$0 50
1½ to 2 feet	1 50

AMERICAN ARBORVITÆS

Thuja occidentalis, var. ericoides. HEATH-LEAVED ARBORVITÆ. (D) A conical little evergreen, with soft feathery silver foliage that differs strikingly from most other varieties. In winter the color changes to a blue-brown. Highly desirable for the contrast it makes in groups.

9 to 12 inches	$0 25
12 to 18 inches	50

var. globosa. GLOBE ARBORVITÆ. (D) Very dwarf and compact; grows naturally into a rounded almost ball-like form, that makes it useful for grouping, specimens, or vases. The foliage is deep, dark green.

1 to 1½ feet	$0 75
1½ to 2 feet	1 50

var. Hoveyi. HOVEY'S GOLDEN ARBORVITÆ. (D) Somewhat resembling *T. compacta*, though not so dense, and useful in the same ways. Coloring, beautiful light golden green.

1½ to 2 feet	$1 00
2 to 2½ feet	1 50

var. Little Gem. DOUGLAS' ARBORVITÆ. (V D) A dwarf, globe-shaped Arborvitæ, with dark green leaves. 6 to 10 inches, $1.

var. pyramidalis. PYRAMIDAL ARBORVITÆ. (S) More dense than the American Arborvitæ. A strong, rapid grower. Its compact, slender column of dark green is ornamental as a lawn specimen, for backgrounds and in grouping. Best tall-growing variety and one of the handsomest evergreens.

2 to 3 feet	$0 75
4 to 5 feet	1 50
5 to 6 feet	3 00

var. Queen Victoria. SILVER-TIPPED ARBORVITÆ. (S) Of pyramidal habit, with variegated foliage. 1½ to 2 feet, $1.50.

var. Reidii. (S) An intermediate form, between the dwarf and tall growing varieties. It is highly desirable but very uncommon. 1 to 1½ feet, $1.

var. Vervæneana. VERVÆNE'S ARBORVITÆ. (S) Of medium, upright growth. The green and golden tinted leaves blend harmoniously. Possesses marked individuality.

2 to 3 feet	$1 50
3 to 4 feet	2 50
4 to 5 feet	4 00

Thuja occidentalis, var. Wareana; syn., Sibirica. SIBERIAN ARBORVITÆ. (S) An especially valuable species for cold climates. Dense and shapely, medium height, in much demand for general purposes. 2 to 3 feet, $1.50.

Biotas, or Chinese Arborvitaes

These Arborvitæs introduced from the orient have proven to be strong growers and handsome specimens. North of New York City they should be planted in sheltered places.

Thuya orientalis (Biota). CHINESE ARBORVITÆ. (S) Deep green, soft feathery foliage and pyramidal habit.

3 to 4 feet	$1 00
4 to 6 feet	2 00

var. aurea (Biota). GOLDEN CHINESE ARBORVITÆ. (D) A dense compact evergreen that is yellowish green in the spring and a bright green later in the season. Very effective in all evergreen groups. 2½ feet, $1.50.

var. elegantissima (Biota). ROLLINSON'S GOLDEN ARBORVITÆ. (S) Most admired of all Biotas. Of medium, upright growth. In summer the young foliage is a brilliant golden yellow, slowly turning as the season advances, until in winter it is a deep bronze, studded with golden tips in places that catch the sun. Especially useful for color contrasts.

2½ to 3 feet	$1 50
3 to 4 feet	2 50

var. filiformis; syn., Japonicum. THREAD-BRANCHED ARBORVITÆ. (D) A delicate Japanese form, with green feathery foliage. 1½ to 2 feet, $1.

var. filiformis pendula (Biota). (D) A form of the above whose branches droop at their tips. 2 feet, $1.50.

var. semper aurescens (Biota). EVER-GOLDEN ARBORVITÆ. (D) A very compact, low-growing form, with bright golden foliage in summer that changes to a bronze color in winter. It is also one of the most brilliant golden evergreens in spring. 1½ to 2 feet, $1.50.

BLOCK OF EVERGREENS AT GLENWOOD

Tsuga · Hemlock Spruce

The Hemlocks are exceptionally graceful trees, that are generally useful. They are very hardy, grow rapidly, and transplant easily.

Tsuga Canadensis. Hemlock Spruce. A medium-sized tree, with open, pendulous branches, whose graceful character is in striking contrast to some of the more stiff and formal conifers. It is a rapid grower, very hardy. If trimmed it becomes dense and bushy, making especially beautiful hedges. For tall screens, massing, or as individual trees, their grace and beauty is unsurpassed. We have thousands of these justly popular evergreens, that are recently root-pruned, grown wide apart and perfectly developed.

18 to 24 inches	$0 40
2 to 2½ feet	50
2½ to 3 feet	65
3 to 3½ feet, sheared	1 00
3½ to 4 feet, sheared	1 50
4 to 5 feet, sheared	2 25

var. Caroliniana. Southern Hemlock. Pyramidal. Dark green foliage. 1½ to 2 ft., $1.

var. macrophylla. Dwarf Hemlock. A compact, dwarf variety, with darker green foliage. 2 to 2½ feet, $2.50.

Tsuga Canadensis, var. Sargentii pendula. Sargent's Weeping Hemlock Spruce. A flat-topped tree, with graceful, weeping, spray-like branches. One of the choicest and most beautiful weeping evergreens. 2 to 2½ feet, $3.50.

Thuyopsis

Japanese trees that are ornamental as specimens and in groups. North of Philadelphia they require protection in winter.

Thuyopsis borealis; syn., **Cupressus Nutkaensis.** Yellow, or Sitka Cypress. (M) A tree of compact, upright growth, with beautiful deep green foliage that is somewhat similar to that of an arborvitæ. 1 foot, $1.

var. lutea. The yellow-tipped branches of spring hold their color through the summer and darken during the fall. 1 to 1½ ft., $1.50.

T. dolobrata, var. variegata. Variegated Hatchet-leaved Arborvitæ. (S) An open, airy tree, of low, spreading growth. The green, fern-like foliage is tipped with creamy white leaves. 1½ to 2 feet, $1.50.

T. Standishi. Standish's Sitka Cypress. (M) A pyramidal tree of graceful, drooping habit, with bright green foliage. 1½ to 2 feet, $1.50.

Evergreen Shrubs

Andromeda

Andromeda Japonica. A beautiful low shrub with drooping racemes of small white, waxlike flowers in May or June. The shining deep green leaves are handsome. A desirable plant at the front of groups of broad-leaved evergreens, or in shaded places. 1 to 1½ feet, $1.25.

Azaleas

The evergreen varieties are described in our special list of Azaleas, Rhododendrons and Kalmias, page 22.

Buxus · Boxwood

The different species vary in height from low bushes to medium-sized trees. All are long-lived, hardy, of dense, compact growth, and have dark green, glossy leaves. They are used for grouping, edging walks, planting against house foundations, for hedges, and in tubs for formal gardens, terraces and porches.

Buxus sempervirens. Common Tree Box. The familiar box of old-fashioned gardens. It grows slowly into a large, broad shrub. The small, dark green leaves are always fresh and glossy. It is a strong grower in almost any soil and does well in shaded places. It withstands shearing and may be clipped into artificial forms. Our stock includes some specimens that have been clipped into conical or pyramidal shape, and are very effective in formal plantings and for tubs and vases. See illustration, page 21.

1½ to 2 feet, bush form	$0 75
2 to 2½ feet, bush form	1 50
3 to 3½ feet, pyramidal form	3 00

var. suffruticosa. Dwarf Box. The variety so extensively used as an edging and popular in all old-fashioned gardens; see also hedging plants. 4-to 6-inch, $6 per 100, $50 per 1,000.

Daphne

Daphne Cneorum. Garland Flower. A pretty little creeping evergreen that bears a profusion of fragrant rosy flowers in May and continuing later in the season. Desirable for rockeries. 35 cts.

Euonymus

The upright evergreen forms have handsome foliage and are valued for many purposes. They grow best in light or sandy soils. Unfortunately they winter-kill in sections north of Philadelphia, though if cut back to the ground they frequently recover and make stronger plants than before. The trailing forms are more hardy and valued as a ground cover and in rockeries.

Euonymus Japonica. Japanese Euonymus. An erect form with glossy green foliage and bright green bark. It makes a handsome bush, is frequently used as an edging, and is especially adapted to planting in sandy soils. 1 to 1½ feet, 25 cts.

var. argentea. Silvery Euonymus. The characteristics of the plant are the same as above, but its leaves are beautifully variegated with silvery white markings that are constant in color. 1 to 1½ feet, 25 cts.

var. aurea. Golden Euonymus. Similar to the foregoing. Leaves are margined with yellow. 1 to 1½ feet, 25 cts.

E. radicans is the pretty Creeping Euonymus with plain green leaves. Used for covering house foundations, stone walls, tree trunks, etc., which it soon covers with a thick evergreen web. This and its varieties are perfectly hardy. See also Vines. 2-yr., 15 cts.

var. variegata. Of the same habit as the above and useful in much the same ways. Its leaves are prettily marked with silvery white, and are much more effective than those of the green variety. 2-yr., 15 cts.

Ilex · The Hollies

The familiar evergreen trees with prickly, glossy leaves and bright red berries.

Ilex aquifolia. English Holly. Darker leaves than those of the American variety. 1 to 2 feet, 50 cts.

I. opaca. American Holly is one of our most beautiful evergreens. The leaves vary little from the English species, the tree is hardier, the scarlet berries more abundant. 9 to 12 inches, 75 cts.

I. crenata. Japanese Holly. Small, dark green leaves and neat habit. Requires protection north of Philadelphia.

6 to 9 inches	$0 50
1 foot	75

Kalmia

See chapters on Rhododendrons, Kalmia and Azaleas, page 23.

Leucothoe

Leucothoe Catesbæi; syn., **Andromeda Catesbæi.** Drooping Andromeda. A valuable small shrub for shady places and wild effects. The oblong, leathery leaves change to a beautiful bronze in autumn. In early spring, drooping panicles of small, fragrant, white, wax-like flowers cover the plant. 1 to 1½ feet, $1.

Magnolia

Magnolia grandiflora. This broad-leaved southern evergreen flourishes in sheltered places as far north as Pennsylvania. Its flowers are deep, broad cups of waxen white; they are deliciously fragrant, and begin to appear while the tree is quite young. 8-inch pots, 15 to 18 inches, $2.

Mahonia

Mahonia aquifolia. Holly-leaved Mahonia. May. Stiff, upright branches with prickly, glossy leaves that turn bronze in the fall. Small yellow flowers. 1 to 1½ feet, 40 cts.

M. Japonica. Japanese Mahonia. Larger leaves that do not turn bronze in winter. Fine trusses of yellow flowers. 1 to 1½ feet, 50 cts.

PYRAMIDAL TREE BOX

AZALEA AMŒNA

Azaleas, Rhododendrons and Kalmias

These three grand flowering shrubs are all fond of shady situations, and their blooming in May and early summer is always the grand event of the floral season. They should all be given the same care, and are frequently grouped together.

Kalmias and Rhododendrons are especially desirable for massing and edging wooded drives. Azaleas love the shelter afforded by the Rhododendrons' dark leaf-masses, and their brilliant flowers show finest against such foliage. After the Kalmias have faded the Rhododendrons' great flower-cones are glorious for a month or more, and their glossy foliage is always attractive.

AZALEAS

For richness and beauty of tints the Azalea has no parallel among flowers. A bed of well-selected varieties in full flower, with a dark green foil such as evergreens afford, is one of the grandest shows of spring. In the different varieties are seen softest tints of buff and primrose ; dazzling ones of apricot, salmon, orange and vermilion. Planted as specimens, in beds by themselves, or with Rhododendrons, they are beautiful and much admired.

Azalea amœna. A bushy, dwarf evergreen with small green leaves that deepen to a lustrous coppery hue in winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant, claret-colored flowers, that hold their beauty three or four weeks. Such beautiful little plants are ornaments anywhere, and are especially desirable for edging drives and walks, for dwarf hedges, groups or for bordering Rhododendron and Kalmia beds.

Azalea amœna, continued.

	Each	Doz.
1 foot, bushy, open ground........	$1 00	$9 00
15 in., very bushy, open ground...	1 25	12 00
18 in., very bushy, open ground...	1 50	15 00
18–24 in., very bushy, open ground.	2 00	20 00

Azalea arborescens. FRAGRANT WHITE AZALEA. Flowers white tinged with rose, and very fragrant. 1 to 1½ feet, 75 cts.

A. mollis. CHINESE AZALEA. This is a particularly handsome dwarf species, of especial beauty for massing and unusually hardy. The flowers are larger than in most varieties and carried in bold, handsome trusses of rich yellow or red.

	Each	Doz.
15 to 20 buds	$0 50	$5 00
20 to 30 buds	75	8 00

A. nudiflora. WOOD HONEYSUCKLE. Pink or nearly white flowers. 18 to 24 in., $1.

A. Pontica. GHENT AZALEA. This species is unequaled for brilliancy and variety of color. Although usually hardy, they are finer if given some protection in winter. 15 to 18 buds, 75 cts. each, $8 per doz.

A. Vaseyi. SOUTHERN AZALEA. Rosy white flowers. 2 to 3 feet, $1.

A. viscosa. WHITE AZALEA. This sort does well in moist soils as well as drier ground. It bears fragrant white flowers that are tinged with rose. 1 to 1½ feet, 75 cts.

KALMIAS

These flowering shrubs compare well in grandeur with the Rhododendrons. They are very hardy, "grow almost as well in swamps as in drier locations and prefer partly shaded situations, but also thrive well in sunny places."

Kalmia angustifolia. SHEEP LAUREL. A dwarf, vigorous variety, with deep rose-colored flowers that open early. 18 inches, 50 cts.

K. latifolia. MOUNTAIN LAUREL. These bushy shrubs with age sometimes attain tree-like proportions. Their elongated, egg-shaped leaves are always fresh and glossy, making possible charming foliage effects,

Kalmia latifolia, continued.

and cheery landscapes at all seasons. In early spring they bloom profusely. The delicate pink buds, beautiful in themselves, open in large corymbs of pink and white flowers. They bloom after the Rhododendrons and are useful for massing with them or for wooded effects on large lawns. 1 foot, nursery-grown, 75 cts. each, $7.50 per doz.

We control large areas of these desirable shrubs, and, since they withstand transplanting so well, we highly recommend the cheaper collected plants. Our stock is bushy and vigorous, and ranges in size from 2 to 5 feet.

We make a specialty of collecting Rhododendrons and Kalmias, and offer them in carload lots of 150 to 250 plants (the quantity depending on size of clumps selected), at reasonable prices.

FLOWER TRUSS OF KALMIA LATIFOLIA

RHODODENDRONS

Formerly these shrubs were not considered hardy, but experience has proven that when selected intelligently there are varieties that grow successfully as far north as Boston. In early summer there are no flowers more gorgeous than these grand shrubs, that are then aglow with their great masses of bloom. But not only at this season are they attractive, for the heavy shiny green leaves cheerfully enliven the landscape even in winter. If planted in front of evergreen shelter-belts their glossy foliage appears to delightful advantage against the more somber hues of the conifers that protect them from the prevailing winds. In groups or masses the varied colors of the flowers blend harmoniously together, and make a brilliant ornament wherever seen. Planted separately on small lawns they form grand specimens that flower abundantly.

Rhododendrons do well in most soils, free from limestone, and to obtain success from them no such expensive methods of preparing the ground are required as are sometimes advocated, though they willingly respond to such treatment. In summer a light mulch of cut grass retains the moisture, and in winter a heavier mulch of manure protects the roots, and frequently a slight covering is required to shelter the flower-buds and foliage. After each flowering season the dead bloom should be picked to prevent seeding, and allow the energies of the plant to develop flower-buds for the next year.

The Rhododendrons stand without an equal among the flowering shrubs, and to retain their supremacy possess the crowning virtue of flowering in all their glory the same season as planted. They may be moved successfully either in spring or fall. We dig and ship all our Rhododendrons with balls of earth about their roots. We offer assorted colors and named varieties at the following prices:

	Each	Doz.
12 to 18 inches, 7 to 10 buds......	$1 00	$9 00
18 to 24 inches, 10 to 15 buds.....	1 25	12 00
24 to 30 inches, 15 to 20 buds.....	2 50	25 00

Rhododendron Catawbiense grandiflora. One of the most beautiful native varieties indigenous from New England to the Southern Alleghanies. This fine American evergreen shrub is perfectly hardy. The controlling parent of numerous fine hybrid forms.

	Each	Doz.
12 to 18 inches, 8 to 15 buds......	$0 75	$8 00
18 to 24 inches, 15 to 25 buds.....	1 00	10 00
24 to 30 inches, 20 to 30 buds.....	2 00	20 00

R. maximum. GREAT LAUREL. A native shrub that is beautiful among our mountainous regions, in June and July, when its great white (sometimes rosy pink) flower masses appear in full bloom along the roadsides or on banks of streams. The landscape engineer uses them in much the same way that nature does; for covering banks, for groups or masses in shady situations, as an undergrowth in wooded places or for planting beside drives and paths, nothing is more pleasing. Its heavy, glossy green leaves make a magnificent setting for the large showy flowers, and its vigorous, hardy growth makes it desirable in many places.

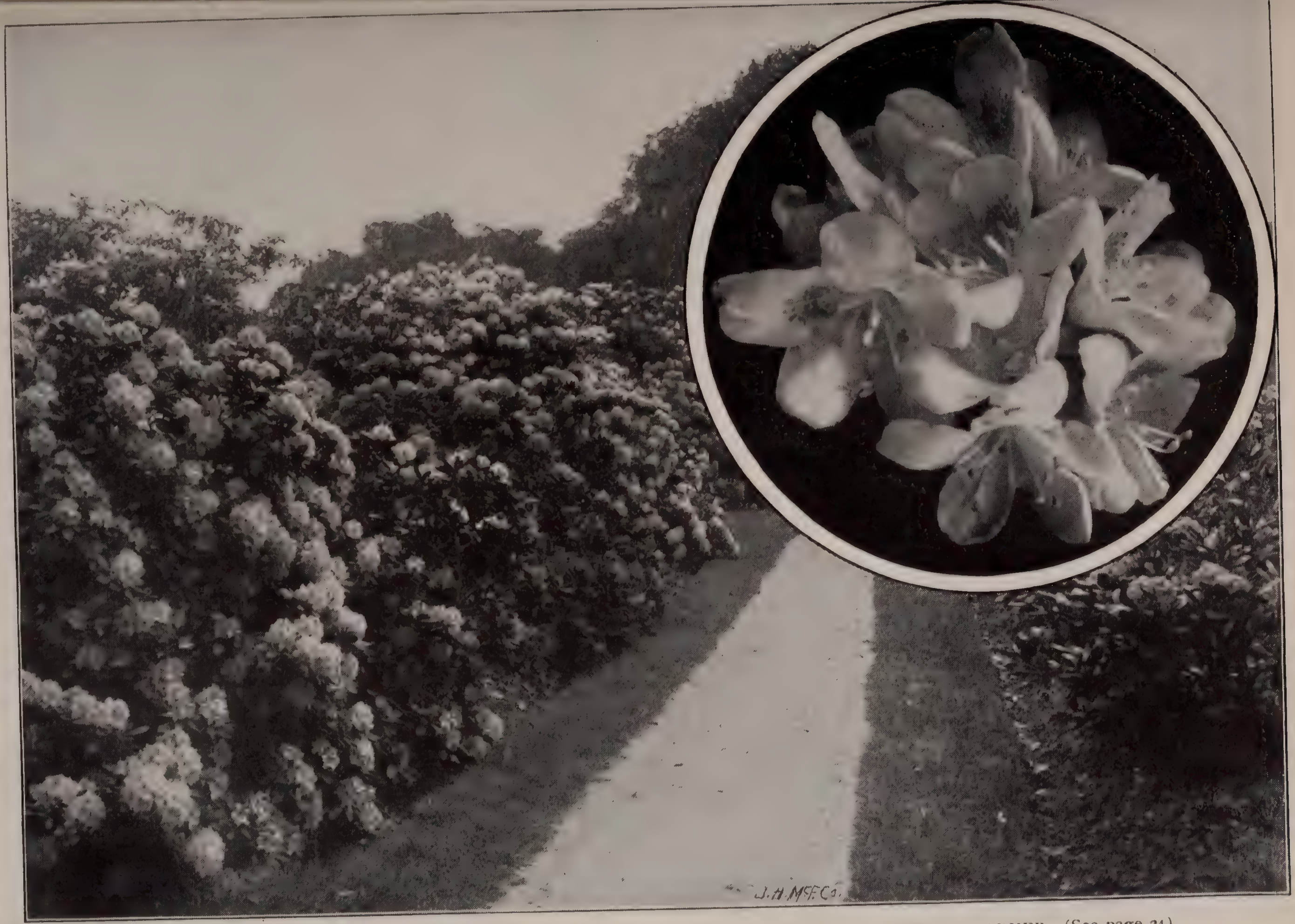
	Each	Doz.
2 to 3 feet......................	$1 00	$10 00
3 to 4 feet......................	1 25	12 00
4 to 5 feet......................	1 50	15 00

We control several hundred acres of vigorous, bushy *Rhododendron maximum* ranging in height from 1½ to 7 feet, from which we can supply large quantities of collected plants in car-load lots. We dig these with large balls of leaf-loam that are carefully preserved about their roots, and moistened in transit by a liberal covering of wet moss. These arrive in good condition and withstand transplanting especially well.

We solicit correspondence with all desiring to purchase native Rhododendrons in quantity and are confident we can name satisfactory quotations.

SUGGESTIONS TO PLANTERS

All bruised or broken branches and roots should be cut off, exposing a smooth surface that will soon heal over. All holes should be dug large enough to admit the roots without cramping. When the plant is set, press pulverized earth firmly about its roots. Use water and fertilizers in moderation.



RHODODENDRONS IN MASS PLANTING. FLOWER TRUSS OF RHODODENDRON MAXIMUM IN CORNER (See page 24)

Deciduous Ornamental Trees

NOTHING can be planted which will grow so well and with so little attention and care as trees. The initial cost is small and paid for many times over by the beauty, pleasure and satisfaction which they bring. In the assortment that we have listed will be found the varieties best adapted for street and avenue planting; the kinds that will give the coolest shade for lawn and park use; species of rapid growth to produce quick effects; those with gorgeous and showy flowers and brilliant autumnal leaves; kinds with graceful, weeping habit; large and dwarf-growing sorts. Our collection includes trees adapted for all locations, climates and soils. All have been grown with care to make them straight, stocky, well headed and supplied with fibrous roots. They have been frequently transplanted and are prepared for moving. Where trees are wanted in large quantities we may be able to offer greater inducements on some varieties, so that we solicit correspondence from persons who contemplate purchasing in such numbers. That the unacquainted may have an idea of the height to which each tree may be expected to grow, we have marked the varieties as follows: (L) designates trees growing to 60 feet or over at maturity. (M) from 30 to 60 feet. (S) 20 to 30 feet. (D) 10 to 20 feet. (V D) less than 10 feet.

Acer · The Maples

Maples are planted, perhaps, more largely than any other trees. They are hardy and well adapted to almost every soil; are attractive, vigorous growers, and remarkably free from the attacks of injurious insects. Their shade is cool and dense, and for this they are indispensable in all lawn, park or avenue plantings. In autumn the brilliant coloring of their leaves is everywhere commented upon. The Silver Maple is the most rapid-growing, but for permanency the Sugar and Norway are usually preferred.

Acer campestre. EUROPEAN CORK MAPLE. (S) Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry grounds. 4 to 5 feet, 50 cts.

A. colchicum, var. rubrum. RED MAPLE. (S) The young growth of this rare tree is bright red in May and in August, when a second growth appears. It grows slowly to a medium-sized, round-topped tree, found most valuable for contrasts. From Japan. 6 to 8 feet, $1.

A. dasycarpum. SILVER MAPLE. (L) Is widely planted on account of its very rapid growth and adaptability to all soils. Forms a large tree, with spreading head and silvery leaves.

6 to 8 feet	$0 50
8 to 9 feet	75

Acer dasycarpum, var. Wieri laciniatum. WIER'S CUT-LEAVED SILVER MAPLE. (M) A very beautiful, rapid-growing variety, with delicately cut leaves and slender branches that curve gracefully downward. An attractive and desirable tree for lawns and parks.

7 to 8 feet	$0 75
8 to 10 feet	1 25

A. Negundo. ASH-LEAVED MAPLE, or BOX ELDER. (L) A rapid-growing tree of irregular, spreading form, whose leaves resemble those of the ash. Improved by close pruning. It withstands cold and dryness. 10 to 12 feet, $1.25.

A. platanoides. NORWAY MAPLE. (L) A handsome tree of large growth, forming a wide, rounded head of spreading branches and having broad, deep green leaves. Strong,

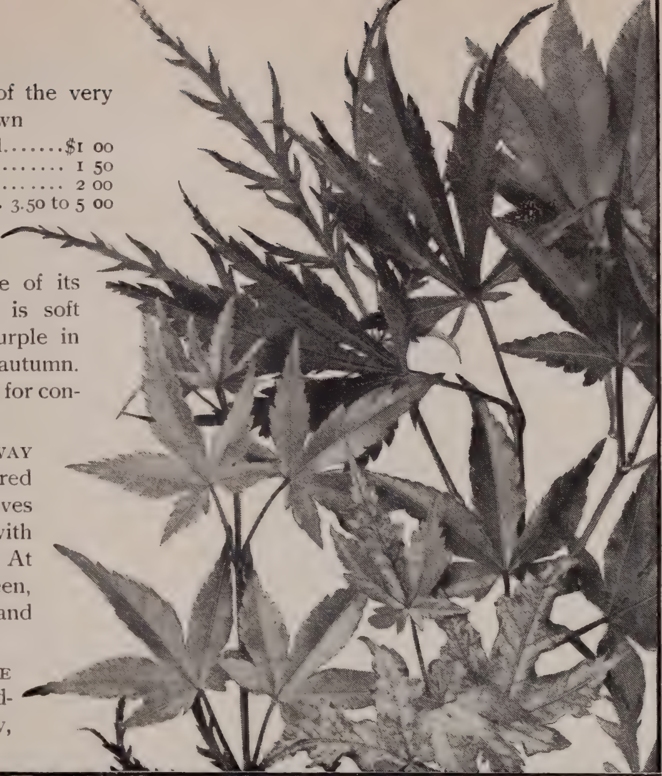
Acer platanoides, continued.
compact and vigorous. One of the very best trees for street, park or lawn

8 to 10 feet, 1½ to 1¾ in. cal.	$1 00
8 to 10 feet, 1¾ to 2 in. cal.	1 50
10 to 12 feet, 2 to 2¼ in. cal.	2 00
12 to 14 feet, 2½ to 3½ in. cal.	3.50 to 5 00

var. Reitenbachi. REITENBACH'S NORWAY MAPLE. (M) Beautiful and striking because of its rich, changing foliage, which is soft green in spring, decidedly purple in midsummer, purplish scarlet in autumn. Vigorous, pyramidal; valuable for contrasts. 5 to 7 feet, $1.

var. Schwedleri. PURPLE NORWAY MAPLE. (M) The gleaming red and purple tints of its young leaves and shoots contrast brightly with the delicate greens of spring. At maturity they are a purplish green, in autumn of pure golden tints and shades. 5 to 6 feet, $1.

A. Pseudo-platanus. SYCAMORE MAPLE. (L) A broad, handsome tree that grows quickly,



JAPANESE MAPLES, VARIETIES OF FOLIAGE ABOVE (See page 28)

Acer Pseudo-platanus, continued.
has larger, darker leaves, and casts a denser shade than the other Maples.

8 to 10 feet	$1 00
10 to 12 feet	1 50
12 to 14 feet	2 50

var. purpureum. PURPLE-LEAVED SYCAMORE MAPLE. (M) A tree of rapid growth ; especially desirable for foliage effects. The upper side of the leaves is a deep green, the under surface a purplish red that presents a striking contrast when gently stirred by the wind. 6 to 8 feet, $1.

A. rubrum. RED OR SCARLET MAPLE. (L) A native species, with fine rounded head, beautiful red blossoms and fruit in spring. Gorgeous autumnal foliage. Thrives in low or damp places. 4 to 6 feet, 75 cts.

A. saccharinum. SUGAR OR ROCK MAPLE. (L) Much used for shade in lawn and park plantings. It is pyramidal in form and thrives in almost every soil. With age it grows into a straight, symmetrical tree of grand proportions. The famous Rock Maple avenues along the Hudson are nearly a century old, yet still in their splendid prime.

8 to 10 feet, 1 to 1¼ in. cal	$0 75
8 to 10 feet, 1¼ to 1½ in. cal	1 25
10 to 12 feet, 1½ in. cal	1 50
12 to 14 feet, 2 to 2½ in. cal.	2 00
14 to 16 feet, 2½ to 3 in. cal.	2.50 to 3 50

A. Tataricum Ginnala. SIBERIAN MAPLE. (D) A graceful shrub with handsome leaves that turn a beautiful red in early autumn. It is very useful for foliage effects in climates too cold for the Japanese Maples, and also for mingling with them in beds or groups.

3 to 4 feet	$0 35
5 to 6 feet	60
6 to 7 feet	1 00

The Japanese Maples

These represent the highest development of complex, vivid beauty in hardy trees and shrubs. They are small and bush-like in growth, with leaves delicately cut and oddly formed or brightly colored. These characteristics make possible the hardy, permanent beds for color, materials long sought for in vain. For bordering groups of taller trees and shrubs, or grown in tubs for house decoration, they are equally fine. These elegant little trees grow slowly. We have selected the finest and most distinct varieties and offer American-grown plants, which are stronger, more robust and more reliable than imported ones.

Acer polymorphum. (D) A small, handsome, bushy tree, with deeply lobed copperish green foliage that turns a beautiful crimson in autumn. The parent form of many of the varieties; it is attractive, either in groups or as a specimen.

3 to 4 feet	$1 50
4 to 5 feet specimens	5 00

var. atropurpureum. BLOOD-LEAVED. (D) In habit and form like the preceding, but the leaves are a deep blood-red all through the season. 2½ to 3 feet, $5.

var. atropurpureum nigra. (D) Foliage and branches of the darkest shade, almost black, more permanent than any other variety. Habit erect. Rare and choice, and a most distinctly attractive lawn tree.

2½ to 3 feet	$3 50
3 to 4 feet	5 00

var. aureum. GOLDEN JAPANESE MAPLE. (V D) Almost round, light yellow leaves. 1½ to 2 feet, $4.

var. dissectum. CUT-LEAVED JAPANESE MAPLE. (V D) A low spreading form with green leaves most delicately cut. 1½ to 2 feet, $3.50.

var. dissectum atropurpureum. (V D) Similar to the above, with brilliant purple leaves.

1 to 1½ feet	$3 50
2 to 2½ feet	5 00

Ailanthus

Ailanthus glandulosa. CHINESE SUMAC, TREE OF HEAVEN. (L) A lofty, rapid-growing shade tree, with feathery tropical-looking foliage. It probably withstands the smoke and gases of cities better than any other tree.

4 to 5 feet	$0 25
8 to 10 feet	75

Aesculus · Horse-Chestnuts

Of pyramidal growth, whose value as an ornamental flowering tree warrants more appreciation. Suitable for shade and avenues. They curiously unfurl their leaflets in early spring and in May are covered with great spangles of flowers that contrast beautifully with their deep green foliage.

Æsculus carnea; syn., **rubicunda**. RED HORSE-CHESTNUT. (M) Has bright red flowers.

2 to 3 feet	$0 75
4 to 5 feet	1 50

Æ. Hippocastanum. HORSE-CHESTNUT. (M) White-flowered and hardy.

6 to 8 feet	$1 00
8 to 10 feet	1 50

Alnus · Alders

Alnus glutinosa. EUROPEAN, or COMMON ALDER. (L) This is a rapid-growing tree, having dull green foliage and catkins in early spring. It is particularly well suited for wet places; we recommend its more general use.

10 to 12 feet	$0 50
12 to 14 feet	75

A. incana. SPECKLED ALDER. (L) Much resembles the former in habit of growth, and while it, too, does well in moist places, it is also happy in dry and more meager soils.

10 to 12 feet	$0 50
12 to 14 feet	75

Aralia

Aralia spinosa. HERCULES' CLUB. (S) The stout prickly stems, the large leaves, and the enormous clusters of white flowers, give it a tropical effect. Good for poor soils. 4 to 5 ft., 50c.

CUT-LEAVED WEEPING WHITE BIRCH

Betula · The Birches

The Birches are distinguished for their elegant, graceful appearance, slender branches, light airy foliage and for the silvery white bark of some of the species. They endure a wide range of climatic conditions, and thrive not only in moist locations, but do well even in high, dry or stony places.

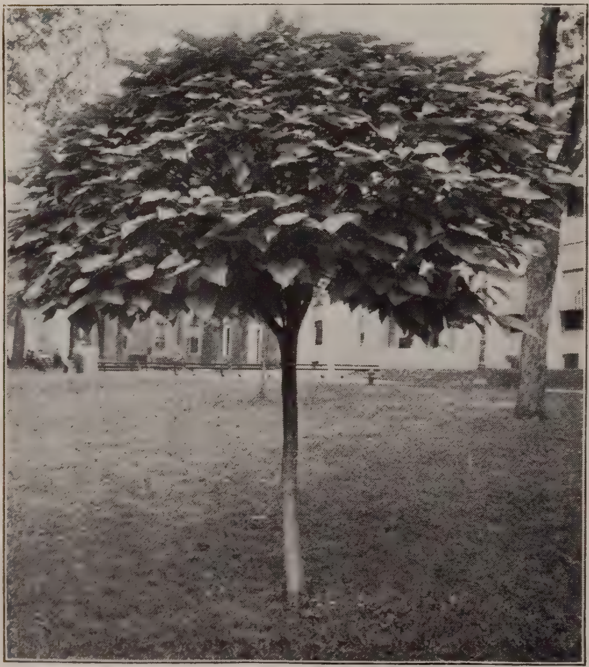
Betula alba. EUROPEAN WHITE BIRCH. (M) Very ornamental and especially desirable for planting along water edges. Of dark bark and erect growth when young, changing into a white bark tree with drooping branches.

6 to 8 feet	$0 75
8 to 10 feet	1 00
10 to 12 feet	1 25

var. fastigiata. PYRAMIDAL WHITE BIRCH. (M) Of compact, pyramidal habit, silvery white bark; useful wherever a small columnar-shaped tree is needed. 4 to 6 feet, 75 cts.

var. pendula laciniata. WEEPING CUT-LEAVED WHITE BIRCH. (M) A tall slender tree, acquiring with age a very graceful drooping habit and silvery white bark. The foliage is delicately cut and especially attractive. 6 to 8 feet, $1.25.

var. pendula elegans. ELEGANT WEEPING BIRCH. (S) A beautiful weeping tree with glossy leaves and white bark. 4 to 5 feet, $2.



CATALPA BUNGEI (See page 31)

Betula alba, var. pendula Youngii. YOUNG'S WEEPING BIRCH. (S) In character resembling the Weeping Beech. Distinct in habit, and useful in collections or as a specimen. 5 to 6 feet, $1.50.

var. purpurea. PURPLE BIRCH. (M) Always a more or less crooked tree with slightly drooping habit; purple leaves and white bark. 4 to 5 feet, $1.

B. lenta. SWEET, BLACK, OR CHERRY BIRCH. (M) Our tall, symmetrical forest tree, with bronzed, aromatic bark and leaves. 6 to 8 feet, 75 cents.

B. lutea. YELLOW BIRCH. (M) Similar to above, bark yellowish gray.

4 to 6 feet	$0 50
6 to 8 feet	75
12 to 14 feet	2 00

B. nigra; syn., **rubra.** RED BIRCH. (M) A moisture-loving, graceful tree. Remarkable for its torn and ragged bark.

5 to 6 feet	$0 75
6 to 8 feet	1 00

B. papyrifera. PAPER, OR CANOE BIRCH. (M) Tall and exceedingly handsome, with very white bark and loose, graceful head when older.

4 to 5 feet	$0 40
10 to 12 feet	1 50

The Catalpas

These are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves are large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesting. They do well in exposed situations and meager soils. Popular in commercial and ornamental plantings.

Catalpa bignonioides. COMMON CATALPA. (M) Fragrant white flowers, with crimson flecks and yellow centers. Tree of spreading, irregular form and of rapid growth. 8 to 10 feet, 60 cts.

CORNUS FLORIDA IN THE SPRING (See page 32)

atalpa Bungei. CHINESE CATALPA. (D) A curious dwarf tree, with a globular head measuring 8 to 10 feet in diameter. Top-grafted on tall stems, it is as effective for lawn and terrace decorations as the tender and more expensive bay trees. Quite hardy, most distinct and desirable for lawn planting. We offer a magnificent stock of these in large, medium and small sizes. See page 30.

5 to 7 feet, 1-year heads	$1 50
5 to 7 feet, 3-year heads	4 00
7 feet, 4-year heads	5 00

. speciosa. WESTERN CATALPA. (M) Ornamental as a flowering tree, and durable as a timber. It is much valued in the central states, and largely grown there. Tall, hardy, quick of growth, and thrives in almost any soil; most hardy of the Catalpas. 8 to 10 feet, 60 cts.

Carya and Castanea · Hickoria and Chestnuts

See Nut Trees, page 72

Carpinus · Hornbeam

Carpinus Americana; syn., **Caroliniana.** AMERICAN HORNBEAM. (M) A bushy tree with leaves and bark resembling the beech. A strong grower, valuable in shady places and as an undergrowth. 4 to 5 feet, 40 cts.

C. betula. EUROPEAN HORNBEAM. (M) Similar to the above; more twiggy, and holds its leaves later. Used in the same ways. 2 to 3 feet, 25 cts. each, $2.50 per doz.

Cerasus · The Cherries

See Prunus, page 58

Cladrastis

Cladrastis tinctoria; syn., **Virgilia lutea.** (S) YELLOW WOOD. A pretty little tree, with smooth, light bark and graceful branches, that bears drooping racemes of sweet-scented, white wistaria-like flowers in June. 4 to 5 feet, 50 cts.

Cercis · Judas or Red Bud

Very early in spring the leafless branches and twigs of these trees are clothed in a thick mist of delicate deep pink flowers. Planted among other early-blooming trees they produce fine effects, or as single specimens are beautifully attractive. Their radiant flower-masses are followed by glossy leathery foliage.

Cercis Canadensis. AMERICAN RED BUD. (D) Small, rapid-growing, round-headed tree or bush. 3 to 5 feet, 50 cts.

C. Japonica. JAPAN JUDAS. (V D) More dwarf; larger and more brilliant flowers. 3 to 4 ft., 75c.

Cornus · Dogwood

See also Shrubs

Cornus florida. WHITE DOGWOOD. (S) Though natives of our forests, these small trees are of inestimable value in landscaping. Their innumerable white-petaled flowers clothe the tree in early spring, and present a delightful contrast with other leafless trees or appear in striking relief against the dark foliage of evergreens. The deep crimson autumnal coloring of the leaves rivals in brilliancy that of the scarlet oak. For planting in quantity with shrubs for screens, or under and among larger trees, nothing is finer. See illustration, page 31.

3 to 4 feet	$0 50
4 to 5 feet	75
8 to 10 feet	2 50

var. rubra. (D) Of similar characteristics with pink flowers.

2 to 2½ feet	$1 00
2½ to 3 feet	1 50

var. pendula. (D) Of decidedly drooping habit. Much used as specimens. 5 to 7 ft., $5.

Crataegus · Thorn

Cratægus cordata. WASHINGTON THORN. (D) A desirable species flowering in June, coloring brightly in the fall, and hung with red fruit well into winter. Grows easily, is hardy, and useful as specimens, for grouping and hedging.

3 to 4 feet	$0 40
4 to 5 feet	60

C. Crus-Galli. COCKSPUR THORN. (S) Neat in appearance, strong growth; very hardy, and much used for hedging and grouping. The thorny branches grow out horizontally. The leaves color brilliantly in autumn. Bright scarlet or orange-colored fruits. 2½ to 3 feet, 40 cts.

C. Oxyacantha. ENGLISH HAWTHORN. (V D) Fragrant rose-like white flowers. A bush with spreading branches and stout spines. Useful for clumps or hedging. 4 feet, 40 cts.

var. alba flore pleno. DOUBLE WHITE HAWTHORN. (D). A little tree that contrasts nicely with the scarlet variety. 4 to 5 feet, 75 cts.

var. coccinea flore pleno. PAUL'S DOUBLE SCARLET THORN. (D) A new sort that has fine double crimson flowers. 4 feet, 75c.

var. rosea flore pleno. DOUBLE PINK HAWTHORN. (D) Similar to Oxyacantha, with fragrant rose-colored flowers. 4 feet, 75c.

Cytisus

Cytisus Laburnum. GOLDEN CHAIN. (D) In early summer it is bright with graceful racemes of wistaria-like golden yellow flowers. See also Shrubs, page 48. 4 to 5 feet, 50 cts.

Fagus · The Beeches

These are among the most attractive, ornamental trees for lawn or park plantings. They are useful for avenues, high screens or as specimens. Hardy, and rarely subject to insect ravages. The deep, dark red leaves of the Purple variety, the delicately cut foliage of the Fern-leaved, and the grotesqueness of the Weeping Beech are characteristics meriting their more general use. Like other hard-wood trees, they require pruning when planted.

Fagus ferruginea. AMERICAN BEECH. (L) Our noble forest native, with light gray bark and symmetrical head.

5 to 7 feet	$1 50
8 to 9 feet	3 50
9 to 10 feet	5 00

F. sylvatica. EUROPEAN BEECH. (L) A compact, long-lived tree, of darker green leaves, that turn light brown and cling fast all winter.

6 to 8 feet	$1 00
8 to 10 feet	2 00

var. heterophylla. FERN-LEAVED BEECH (S) The deep, delicately cut foliage, and dwarf, ball-like form, make this an elegant tree where specimens are required. We recommend its more general use. 3 to 4 feet, $2.50.

var. pendula. WEEPING BEECH. (M) A remarkably vigorous tree, of curious, picturesque growth. Its twisting, gnarled and contorted, down-sweeping branches resemble rich fountains of foliage, and make it indispensable as a specimen or in breaking up the regular outline of other trees. One of the most charming weeping trees in cultivation. 4 to 5 feet, $3.

WEEPING BEECH (Surroundings show the work of our Landscape Architect)

var. purpurea. PURPLE, or COPPER BEECH. (L) A strong, vigorous tree of elegant habit, useful for contrasting effects, with attractive foliage changing from deep purple in spring, through crimson in summer to purplish green in fall.

2 to 3 feet	$0 75
6 to 8 feet	3 00
8 to 10 feet	4 00

Fagus sylvatica, var. purpurea Riversii. RIVERS' PURPLE BEECH. (L) The finest of all purple-leaved trees. When a large-growing tree with purple foliage is wanted, nothing equals this. Though it varies in intensity of color from early spring until late fall, the leaves are always a rich shade, sometimes crimson and sometimes almost black.

2 to 3 feet	$1 00
5 to 6 feet	2 00

Fraxinus · The Ashes

Desirable shade trees for parks or lawns, with large, open spreading heads and light airy foliage.

Fraxinus alba. AMERICAN WHITE ASH. (L) This grand old native is quick of growth, with massive trunk and broad spreading limbs. It is valued for timber, shade or street planting.

6 to 8 feet	$0 50
8 to 10 feet	1 00

Fraxinus excelsior. EUROPEAN ASH. (M) Taller and more rounded than the American, with larger, darker leaves, which remain on the tree late into the fall. Distinguished by its black buds. It thrives in moist ground.

6 to 8 feet	$0 50
8 to 10 feet	75

F. excelsa, var. pendula. WEEPING ASH. (M) Our trees are grafted on tall stems and will form round spreading heads. 7 to 8 feet, $2.

F. Ornus. EUROPEAN FLOWERING ASH. (S) A small ornamental tree that bears great masses of fringe-like flowers in June, filling the air with a sweet fragrance. 7 to 8 feet, 50 cts.

LIQUIDAMBAR (Sweet Gum) See page 35

Fraxinus nigra; syn., sambucifolia. BLACK ASH. (L) A medium tall tree, hardy as far north as Canada, with elegant foliage. Forms a broad open head. A desirable shade tree.

8 to 10 feet	$1 00
10 to 12 feet	1 25

Gleditschia · Locust

Gleditschia triacanthos. HONEY LOCUST. (L) This is a tree of remarkably rapid growth, that flourishes almost anywhere. Its timber is especially durable. It is useful for quick effects; makes a lasting fence if planted in hedge-rows, with wires nailed to them when established; useful for a thorny hedge or tall screen; very desirable; much used. 6 to 8 feet, 50 cts.

Ginkgo · Maidenhair Tree

See Salisburia, page 42

Gymnocladus

Gymnocladus Canadensis. KENTUCKY COFFEE TREE. (M) An odd tree of medium size, with narrow, pyramidal head. Its branches are blunt and twigless, and the feathery bluish green foliage gives it a tropical aspect. Has white flower-panicles that are followed by large seed-pods. Is remarkably free from the ravages of insects. Withstands well adverse conditions; is ornamental and desirable.

5 to 6 feet	$0 50
6 to 8 feet	75

Juglans · The Walnut

Some of these are quite ornamental, especially the Black Walnut (*Juglans nigra*), and the Butternut (*Juglans cinerea*). They are described among Nut Trees.

Koelreuteria

Kœlreuteria paniculata. (S) A small tree, attractive at all seasons, especially when covered with panicles of showy yellow flowers a foot long. 4 to 5 feet, 50 cts.

Larix · Larch

Larix Europæa. EUROPEAN LARCH. (M) A conifer with deciduous needle-like leaves; bright green very early in spring and clear yellow in autumn. Grows rapidly into a tall, pyramidal tree, with graceful drooping branches.

2 to 3 feet	$0 50
4 to 6 feet	75

Liquidambar

Liquidambar styraciflua. SWEET GUM. (M) A native tree of rapid growth. It is of medium height, has a narrow pyramidal head, is hardy and grows well in either dry or damp soil. The bark is corky, and the beautiful glossy green star-shaped leaves make a cooling shade in summer, but in autumn its brilliant foliage presents varying shades of color from bright red to the darkest crimson. Admired on any lawn. 6 to 7 feet, $1.

Liriodendron

Liriodendron Tulipifera. TULIP TREE. (L) A grand native tree of rapid growth, that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green, glossy and dense. After attaining maturity the tree flowers freely in June, producing numbers of creamy yellow fragrant tulip-like flowers.

7 to 8 feet	$1 00
10 to 12 feet	1 50
12 to 14 feet	2 50

The Magnolias

Their lavish profusion of large and beautiful flowers, their fragrance, richness of foliage and stately, tropical aspect place the Magnolias easily first among flowering trees. Planted in groups, their spring inflorescence is grand beyond description; as lawn specimens or against an evergreen foil their large, glossy foliage and shapely outline make them beautiful anywhere. They thrive in any good soil, but like best one that is warm, rich and moderately moist. Plant in spring to insure best results. Our stock of all these varieties is fine and well rooted.

AMERICAN SPECIES AND VARIETIES

Magnolia acuminata. CUCUMBER TREE. (L) This tallest species is a fine pyramidal tree attaining a height of 60 to 90 feet. The fruit-cones are cucumber-shaped, turning crimson in autumn. A fine avenue tree. 5 to 6 feet, 75 cts.

M. glauca. (S) The native "Sweet Bay" of our swamps, whose fragrant white flowers in June are much admired. Its glossy laurel-like leaves are almost evergreen. 2 to 3 feet, $1.

M. grandiflora. EVERGREEN MAGNOLIA. (M) See under Evergreen Shrubs, page 21.

M. tripetala. UMBRELLA TREE. (M) A hardy, rapid-growing tree of medium size. The head is open, the leaves are large and disposed in whorls about the branches, producing a tropical effect. Its showy white flowers are frequently 6 inches in diameter, followed by crimson fruit-pods of striking beauty.

8 to 10 feet	$1 50
10 to 12 feet	2 00

ORIENTAL SPECIES AND THEIR HYBRIDS

These are more dwarf in habit than the American varieties. They readily assume bush form, though frequently attaining a height of 20 or 30 feet. They bloom profusely in April and May, just before their leaves appear.

Magnolia Alexandrina. (S) Has large, light pink flowers resembling Soulangeana, but blooms earlier. 4 feet, $2.

Magnolia conspicua. CHINESE WHITE MAGNOLIA. (S) A small tree; deep, cup-like waxy flowers thickly cover it in April before the leaves appear, and make it an ornament to any lawn.

2 to 3 feet	$1 50
3 to 4 feet	2 00

M. Kobus. THURBER'S MAGNOLIA. (S) This bushy tree has small, fragrant, creamy white flowers that appear with those of the variety Conspicua.

2½ to 3 feet	$1 50
3 to 4 feet	2 00

M. Lennei. LENNE'S MAGNOLIA. (S) This remarkable tree blooms in May and frequently again in late summer. Its flowers are dark rose without and pearly white within. It is a strong grower.

Magnolia Lennei, continued.

2½ to 3 feet	$2 00
3 to 4 feet	3 00

M. speciosa. (S) Resembles *M. Soulangeana*, excepting that the flowers are smaller, appear a little later, and remain longer on the tree. 3 to 4 feet, $2.

M. Soulangeana. SOULANGE'S MAGNOLIA. (S) Among the hardiest and finest of the foreign varieties. The large purple and white flowers, borne a little later than those of Conspicua, are attractive anywhere.

2 to 3 feet	$1 25
3 to 4 feet	1 75
4 to 5 feet	2 50

M. stellata; syn., **Halleana.** HALL'S JAPANESE MAGNOLIA. (V D) Dwarf and bushy. It blooms earlier than any other variety, and its semi-double, white, star-like flowers are delicate and fragrant. A striking novelty where early bloom is desirable. 2½ to 3 feet, $2.

Morus · Mulberries

Birds are passionately fond of Mulberries, and gather through the summer in great numbers to enjoy their sweet fruits. By planting these trees the naturalist may draw his feathered friends about him. Their characteristics are hardiness to withstand cold, drought and neglect. Graceful and beautiful trees with oddly cut foliage.

Morus nigra, var. Tatarica. RUSSIAN MULBERRY. (S) Bears large crops of small fruits. 8 to 10 feet, 50 cts.

MAGNOLIA SOULANGEANA

AVENUE OF ORIENTAL PLANE TREES IN FAIRMOUNT PARK

Morus nigra, var. Tatarica pendula. TEAS' WEEPING MULBERRY. (D) Requires but two or three years to develop into a handsome weeping tree that will ornament any lawn. The pendulous branches sweep the ground in shining lengths. See illustration, page 38.

1-year heads	$1 00
2-year heads, specimens	2 50
3- to 4-year heads, specimens	$4 00 to 5 00

Paulownia

Paulownia imperialis. EMPRESS TREE. (S) This is an odd-looking tree, with immense leaves that often measure 18 inches across, and in June bears long panicles of purplish flowers. If cut back to the ground each year, the roots send up rapid-growing branchless trunks that produce a unique and tropical effect. 6 to 7 feet, 75 cts.

Phellodendron

Phellodendron Amurense. CHINESE CORK TREE. (M) A tropical looking tree with long pinnate foliage, similar to that of an Ailanthus. It is hardy as far north as Massachusetts, grows rapidly when young, forms a low round head. It is quite rare, withstands heat and drought. It is valued as a specimen, and has been suggested as an avenue tree. 5 to 6 feet, 75 cts.

Platanus

Plane, or Buttonwood

The Platanus is among our tallest trees, grows rapidly into massive proportions, is hardy, and remarkably free from disease. Is a great favorite for streets, parks or lawns, does well in most soils, withstands the smoky atmosphere of cities and thrives near the seashore.

Platanus occidentalis. BUTTONWOOD. (L) Our native sort. 10 to 12 feet, $1.50.

P. orientalis. ORIENTAL PLANE; BUTTONWOOD. (L) Similar to above, but a better tree, of more graceful habit.

8 to 10 feet	$1 00
10 to 12 feet	1 50
12 to 14 feet	2 00

Populus · The Poplars

These trees grow fast, are quickly effective and cheap. They thrive in almost any soil, withstand well the smoke and gases of city streets, and the heavy winds of our coasts. Where quick shade or temporary effects are desired, Poplars are much used.

Populus alba var. Bolleana. BOLLE'S POPLAR. (L) In habit resembles the Lombardy Poplar, but leaves are silvery white beneath.

8 to 10 feet	$0 75
12 to 14 feet	1 50

P. balsamifera. BALSAM POPLAR. (M) A rapid grower of spreading pyramidal form, with glossy green leaves. 10 to 12 feet, 75 cts.

P. monilifera; syn., **deltoides.** CAROLINA POPLAR. (M) The heart-shaped leaves are glossy and fresh-looking. Withstands well conditions under which many trees die. Largely planted in cities, and for quick effect about new buildings.

8 to 10 feet	$0 5
10 to 12 feet	1 0
12 to 14 feet	1 5

P. nigra, var. fastigiata. LOMBARDY POPLAR. (L) A tall, columnar form, that is in contrast to the more rounded outline of other trees. It branches from the ground, and is much used where a tall hedge is wanted as a screen.

8 feet	$0 5
10 to 12 feet	1 0
12 to 15 feet	1 5

Prunus · Cherry, Peach and Plum

This is a large and varied genus of trees, with distinct foliage and beautiful blossoms.

TEAS' WEEPING MULBERRY (See page 37)

Prunus Cerasus
Cherry

Cerasus Avium, var. flor alba pleno. LARG DOUBLE-FLOWERIN CHERRY. (M) Whit flowers. 5 to 7 ft., 75c

C. Japonica, var. flore alb pleno. JAPANES DOUBLE-FLOWERIN CHERRY. (D) Whit flowers. 5 feet, $1.

var. pendula. JAPANES WEEPING CHERRY (D) A fine, weepin tree, with great masse of delicate pink flower 5 to 6 feet, $1.50.

C. Padus. EUROPEAN BIR CHERRY. (S) Drooping racemes of whit flowers in spring, fo lowed by black fruit 2½ to 3½ feet, 35 cts.

erasus serotina. WILD BLACK CHERRY. (M) Its flower-racemes are white and fragrant, its leaves glossy, and its fruits black. 10 to 12 feet, $1.

. **Sieboldii flore pleno.** SIEBOLD'S DOUBLE-FLOWERING CHERRY. (M) White flowers, tinted with rose. 5 to 6 feet, $1.50.

Prunus Persica · Peach

Little trees that wrap themselves in rich louds of fragrant bloom early in spring.

ersica vulgaris, var. rosea plena. DOUBLE PINK-FLOWERING. (S) 4 to 5 feet, 75 cts.

var. sanguinea plena. DOUBLE RED-FLOWERING. (S) 4 to 5 feet, 75 cts.

var. foliis purpureis. PURPLE-LEAVED PEACH. (S) The new foliage is a deep purple. 4 to 5 feet, 75 cts.

Prunus · Plums

The ornamental varieties are frequently used as small trees. See Shrubs, page 58.

Ptelea · Hop Tree

See Flowering Shrubs, page 58

Pyrus. Flowering Crab Apples

Hardy little flowering trees, that bloom abundantly in spring. Their double fragrant flowers are always enthusiastically remarked upon.

Pyrus angustifolia, var. Bechteli. BECHTEL'S DOUBLE-FLOWERING CRAB. (S) Bears masses of double, rose-like flowers of a delicate pink color and most delightful fragrance. Blooms when quite young. 3 to 4 feet, 75 cts.

P. Malus Parkmani. PARKMAN'S DOUBLE-FLOWERING. (S) Pendent, semi-double, dark rose-colored flowers, that wreathe its branches. 3 to 4 feet, 75 cts.

AVENUE OF OAK TREES IN WASHINGTON, D. C. (See page 40)

PIN OAKS (See page 41)

Quercus · The Oaks

"STRENGTH, SOLIDITY, DURABILITY ARE SYMBOLIZED IN THE OAK"

These grand trees, possessing so many virtues, do not grow slowly, as is often supposed. Their great vigor and hardihood enable them to withstand the drought of hillsides and the caustic influence of sea spray. Their broad, spreading heads make them desirable shade trees for lawns, parks, public grounds and avenues. The brilliant autumnal coloring of some species is everywhere commented upon. Our Oaks are frequently transplanted, and when thus cared for are not difficult to establish. Prune severely when planting.

Quercus alba. White Oak. (L) This well-known grand old forest tree is unsurpassed for ornamental purposes, when given space to develop.

5 to 6 feet	$1 00
7 to 8 feet	1 50

Q. bicolor. Swamp White Oak. (L) A medium tall, round-topped, open-headed tree, with light gray, scaly bark. Attractive, and thrives well in either wet or dry situations.

7 to 8 feet	$1 50
8 to 10 feet	2 00

Quercus Cerris. Turkey Oak. (L) A handsome Oak of pyramidal growth when young, developing into a broad, open-headed tree. The small, pinnatifid leaves remain green until after the first heavy frosts.

8 to 10 feet	$1 50
10 to 12 feet	2 00

Q. coccinea. Scarlet Oak. (L) Tall, pyramidal, especially valued for the sparkling red of its autumn foliage.

5 to 6 feet	$1 00
7 to 8 feet	1 50

Quercus macrocarpa. MOSSY-CUP OAK. (L) Of massive, open growth, with large, heavy leaves and deeply corrugated bark. The cups of the large acorns are curiously fringed with gray moss. Among the noblest of all the species.

7 to 8 feet	$1 50
9 to 10 feet	2 00

Q. palustris. PIN OAK. (L) A tree of especial grace and beauty; the most popular of all Oaks; unsurpassed as lawn specimens, admired for avenues, and withstands well the unnatural conditions of our cities. As the tree grows the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the fall. We have a large stock of these desirable trees that have straight trunks, good heads, and have recently been transplanted.

7 to 8 feet	$1 00
8 to 10 feet	1 50
10 to 12 feet	2 25
12 to 14 feet	$3 50 to 5 00

Q. Phellos. WILLOW-LEAVED OAK. (L) A symmetrical, round-headed, fast-growing tree, of medium size, that is uncommon and ornamental. Prefers moist soils.

5 to 6 feet	$1 25
7 to 8 feet	1 75

Q. Prinus. CHESTNUT OAK. (L) Of tall, vigorous growth, with leaves shaped like a chestnut's. Native of dry situations.

5 to 6 feet	$0 75
7 to 8 feet	1 50

Q. Robur. ENGLISH OAK. (L) Of moderate growth, with massive, spreading stature. Long-lived, with foliage that differs from our native sorts. A grand tree for lawns and public grounds.

7 to 8 feet	$1 00
8 to 10 feet	1 50
10 to 12 feet	2 00
12 to 14 feet	$3 00 to 4 00

Q. rubra. RED OAK. (L) Large in stature and leaf. The young shoots and leaf-stems are red, the foliage purplish crimson in autumn.

7 to 8 feet	$1 50
8 to 10 feet	2 00

Robinia · Locust

Robinia hispida. ROSE ACACIA. (V D) Usually a shrub, but our stock has been top-grafted on stems 3 to 4 feet high, and makes handsome little trees with small round heads. The branches closely resemble those of a moss rose, the leaves are similar to those of other Locusts. In June or July long panicles of rose-colored flowers hang from the branches. A desirable specimen tree. 4 feet, $1.

R. Pseudacacia. BLACK LOCUST. (L) A familiar tree of rapid growth that thrives in any place. The pinnate foliage is light and airy. In June the tree is fragrant with panicles of white flowers. Its durable timber, rapid growth and cheapness make it valuable for planting in fence rows. 8 to 10 feet, 50 cts.

SALISBURIA (Ginkgo, or Maidenhair Tree)
See page 42

Salix · The Willows

These are rapid-growing, moisture-loving trees, that are very useful for lawns and waterside plantings.

Salix alba, var. argentea; syn., **regalis.** (L) Upright habit, strong grower and very hardy. Slender, light gray branches, and narrow silvery gray leaves. 3 to 4 feet, 35 cts.

S. Babylonica. Weeping Willow. This is the well-known Weeping Willow, whose long, pendulous branches droop so gracefully, and sway to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places.

7 to 8 feet	$0 50
8 to 9 feet	75

var. dolorosa. Wisconsin Weeping Willow. (L) A strong-growing form very similar to the above but considered hardy further north. 6 to 8 feet, 75 cts.

S. Caprea, var. pendula. Kilmarnock Willow. (D) A curious umbrella-shaped form with silvery gray leaves. Our stock has been grafted on stems 4 or 5 feet in height and makes attractive little trees, covered in early spring with soft, fir-like catkins. 2-year heads, $1.

S. incana; syn., **rosmarinifolia.** Rosemary Willow. (D) A handsome, odd-looking tree, with rounded head, slender twigs and small silvery leaves. We offer it in standard form on stems 5 to 7 feet high.

6 feet, 2-year heads	$1 25
8 feet, 4-year heads	2 00

S. Laurifolia. See *S. pentandra* below.

S. pentandra. Bay, or Laurel-leaved Willow. (S) Has narrow, dark green glossy leaves, that shine conspicuously in the sunshine. A strong grower at the seashore, along water edges or on high ground. It is much used, and the bush form that we offer makes desirable screens and the tree-shaped plants are valued as specimens.

Bush form, 3 to 4 feet	$0 35
Tree form, 4 to 5 feet	35
Tree form, 5 to 7 feet	50

Salix purpurea, var. pendula. New American Willow. (D) A graceful Willow with slender drooping branches and small, narrow silvery gray leaves. Our stock is grafted on 5-foot stems and is valued for specimen planting. 2-year heads, $1.50.

S. vitellina, var. aurea. (M) Grows into a massive, low-headed tree. Light green leaves and brilliant golden yellow bark that is particularly bright in the leafless months of winter. 4 feet, 35 cts.

var. Britzensis. Salmon-barked Willow. (L) A form of the above, with the yellow bark on the younger wood tinted with red.

4 feet	$0 35
5 feet	50

Salisburia

Salisburia adiantifolia. Ginkgo, or Maiden-Hair Tree. (M) Recently this tree has sprung into great popularity, and it merits the praise it receives. It is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair fern. But its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds, and useful for street planting. It is of medium height, pyramidal in growth, sparsely branched and of characteristic irregular outline. See page 41.

7 to 8 feet	$0 75
8 to 10 feet	1 00
10 to 12 feet	1 50

Sorbus · Mountain Ash

Sorbus (Pyrus) Aucuparia. European Mountain Ash. (M) A tree of medium size, having pinnate leaves and bearing clusters of orange-colored berries from midsummer until frost.

5 to 6 feet	$0 50
7 to 8 feet	75

Sorbus Aucuparia, var. quercifolia. OAK-LEAVED MOUNTAIN ASH. (M) The deeply cut leaves are white beneath and resemble those of the oak. A very ornamental small tree. 5 to 6 feet, $1.

Styrax

Styrax Japonica. (D) A neat little tree that makes a fine display in June and July, when hung full of its fragrant white bells. Of graceful, loose and spreading habit. Is well adapted for shrubberies or as a single ornament on the lawn. It is deserving of more general appreciation. 5 to 6 feet, 75 cts.

Taxodium

Taxodium distichum. DECIDUOUS, or BALD CYPRESS. (L) Grows rapidly and thrives in damp or dry soils. Very beautiful when in full leaf, with its fleecy, light green, cheerful foliage. It is remarkably tall, narrow-headed tree, of conical outline that is popular for ornamental specimen planting.

6 to 7 feet	$0 75
7 to 9 feet	1 00

var. pendula. (M) A small, weeping tree, of much grace, and particularly beautiful on account of its fine feathery foliage.

2 to 3 feet	$2 00
5 feet	4 00

Tilia · Linden or Lime

These are large, rapid-growing lawn and avenue trees, that develop rounded heads and cast a cool, dense shade. Their light yellow flowers are very fragrant, and the large leaves heart-shaped. Lindens are hardy and grow well in any moderately good soil.

Tilia Americana. AMERICAN LINDEN, or BASSWOOD. (L) Of splendid form and stature, larger and more open-headed than the other varieties. Will grow also in low places. "No summer odor is quite so fresh and uncloying as that of the blossoming Lime."

4 to 6 feet	$0 50
6 to 8 feet	75
8 to 10 feet	1 50
10 to 12 feet	2 00
12 to 14 feet	$3 50 to 5 00

T. argentea. SILVER-LEAVED LINDEN. (L) The leaves are green above and silvery beneath. The foliage is especially pretty when tossed about by the wind. 10 to 14 feet, $5 to $15.

var. pendula. SILVER-LEAVED WEEPING LINDEN. (S) To the characteristics of the upright form, this tree adds a graceful drooping habit.

5 to 6 feet	$1 25
6 to 8 feet	2 50

Tilia platyphyllos. BROAD-LEAVED EUROPEAN LINDEN. (L) The head of this tree is not so open as that of the American species; its leaves are larger and the surface of them is rough. The small flowers open at least a week earlier in the spring. In other respects it possesses characteristics similar to those of all Lindens. At maturity it attains a height of about 90 feet, and makes a stately tree of fine proportions that is useful in all ornamental plantings.

5 to 6 feet	$0 50
6 to 8 feet	75
8 to 10 feet	1 50
10 to 12 feet	2 50
12 to 14 feet	$4 to 6 00

T. sylvestris. NARROW-LEAVED EUROPEAN LINDEN. (L) Of doubtful nomenclature, with smaller leaves than the above, but resembles it in habit and growth. 12 to 14 feet, $2.50.

Ulmus · The Elms

In landscape planting the Elm is the most generally useful of all our trees. It is of massive proportions, long-lived and the branches spread out into graceful arches that support a drooping fringe of twigs. The heads are so open that electric wires do not injure them, a desirable

THE AMERICAN ELM AS A STREET TREE

feature of all street trees. It is extensively used for wide lawns, parks or public grounds, over which they cast their cooling shade. Grows best in rich soils.

Ulmus Americana. AMERICAN ELM. (L) This tree, which arches many New England streets, grows well in other sections. Its rapid growth and especial grace make it unsurpassed for urban and suburban planting. It is less subject to the attacks of the Elm-leaf beetle than the foreign foreign sorts. See illustration.

7 to 8 feet	$0 50
10 to 12 feet	1 50
12 to 15 feet	$2 to 3 50

U. campestris. ENGLISH ELM. (L) Equally fine and imposing, adapts itself better to unfavorable conditions, holds its leaves a longer time.

6 to 8 feet	$0 50
8 to 10 feet	1 00

U. scabra, var. pendula. CAMPERDOWN ELM. (S) Grafted 6 to 8 feet high, its branches grow out rapidly until at maturity they often form a tent 30 feet across.

2-year heads	$1 50
3-year heads	2 50

Trees of Drooping Habit

For the benefit of those looking for trees of this nature we enumerate the following:

DECIDUOUS

BETULA. BIRCH. Weeping varieties described on page 30.

PRUNUS Cerasus Japonica, var. rosea pendula. JAPAN WEEPING CHERRY. See page 38. 5 to 6 feet, $1.50.

CORNUS florida, var. pendula. WHITE WEEPING DOGWOOD. See page 32. 5 to 7 feet, $5.

FAGUS sylvatica, var. pendula. WEEPING BEECH. See page 33. 4 to 5 feet, $3.

FRAXINUS excelsior, var. pendula. WEEPING Ash. See page 34. 7 to 8 feet, $2.

MORUS nigra, var. Tatarica pendula. TEAS' WEEPING MULBERRY. See page 37. $1 to $5.

SALIX. WILLOW. Weeping forms, see page 42.

TILIA argentea, var. pendula. SILVER LEAF WEEPING LINDEN. See page 43. $1.25 to $2.50.

ULMUS scabra, var. pendula. CAMPERDOWN WEEPING ELM. See above. $1.50 to $2.50.

EVERGREEN

PICEA excelsa, var. inverta. INVERTED WEEPING SPRUCE. See page 8. $3.50 to $15.00.

RETINOSPORA filifera, var. aurea pendula. WEEPING GOLDEN THREAD-BRANCHED RETINOSPORA. See page 14. $3.

TSUGA Canadensis, var. Sargentii pendula. SARGENT'S WEEPING HEMLOCK SPRUCE. See page 19. $3.50.

Deciduous Shrubs

WHETHER planted individually or collectively, the shrub is an important feature in the adornment of any grounds. There are locations which suggest the planting of individual shrubs, which are to be allowed space for symmetrical development, and in such locations their grace and beauty cannot be surpassed. In groups they can be made to emphasize some feature of the lawn ; to screen some unsightly object or to destroy the strong, stiff lines of foundation walls. At the edges of the lawn, along walks and drives, or in distant corners a collection of shrubs may be gathered together that will give a succession of bloom from the opening of spring until frost comes to destroy the flowers. Shrubs with purple and yellow leaves should be added to give character and contrast to the planting. When the leaves have gone the brilliant fruits of other species and bright, conspicuous bark of certain shrubs add variety and interest to the monotony of winter.

The assortment we offer includes varieties suited to every purpose, and our strong, well-rooted plants produce immediate effects that are not possible with smaller and lighter sizes. This year we have told our readers which the tender varieties are, we have named the time of flowering and given them an idea of the height that each plant may be expected to attain, and we hope these suggestions will be of assistance in making selections.

Special prices will be made on Shrubs in large quantities. Shrubs that usually grow over 12 feet are marked (L); from 8 to 12 feet, (M); from 6 to 8 feet, (S); from 3 to 6 feet, (D); and 3 feet and below, (V D).

Acanthopanax

Acanthopanax pentaphyllum; syn., **Aralia pentaphylla**. (M). Graceful shrub with thorny branches and pretty shining green foliage ; excellent on rocky banks and slopes.

	EACH	DOZ.
1½ feet	$0 25	$2 25
2 to 3 feet	50	5 00

Aesculus · Pavia

Æsculus parviflora; syn., **Pavia macrostachya.** DWARF HORSE-CHESTNUT. (L) A low, broad bush for specimen planting, with dark green leaves and panicles of white flowers in July that are similar to those of the familiar horse-chestnut. 1½ to 2 feet, 50c. each, $5 per doz.

Althea

See Hibiscus, page 52

Amelanchier

Amelanchier Botryapium. JUNEBERRY. (M). April. A native bush or small tree that thrives in a diversity of soils and is very hardy. Its thick snowy clouds of drooping white flowers make it conspicuous in the leafless landscape. Later followed by edible dark red berries. 3 to 4 feet, 35 cts. each, $3.50 per doz.

Amorpha

Amorpha canescens. LEAD PLANT. (S) June. Blue flowers, borne abundantly in terminal clusters. Dense habit, adapted to rockeries and shrubbery borders. 1 to 2 feet, 35 cts. each, $3.50 per doz.

A. fruticosa. FALSE INDIGO. (L) Large shrubs with dense terminal panicles of pretty odd and attractive bluish purple flowers in July. 3 to 4 feet, 35 cts. each, $3.50 per doz.

Amygdalus · Almond

See Prunus

Andromeda

Andromeda Mariana. LILY-OF-THE-VALLEY SHRUB. (D) A neat little plant with bright green leaves, valuable in groups and at the front of shrubberies. In early spring it is fragrant with small, waxy white flowers. 12 to 15 inches, 50 cts. each, $5 per doz.

Azaleas

We make a specialty of *Azalea Amœna*, and have grown a remarkable stock which is unsurpassed in extent and quality. For description of all Azaleas, see page 22.

Berberis · The Barberries

A valuable group of small shrubs, admired for their foliage and brilliant fruits that cling along the leafless branches at a time when few other shrubs are attractive. They can be grown in dry and sandy soils as well as other places. The dense habit, slender thorny branches and ability to withstand clipping, make the Barberries invaluable for low hedges and boundaries. They are much admired for the front of shrubberies, for groups and wherever small shrubs are desired. Plant in spring or fall.

Berberis Thunbergii. Thunberg's Japanese Barberry. (D) May. Bears almost inconspicuous creamy white flowers, that ripen into scarlet fruit. The beautiful small green leaves open early in the spring; in autumn they turn a brilliant golden or scarlet hue. One of the most desirable hedging plants.

	EACH	DOZ.	100
1½ to 2 feet	$0 25	$2 00	$12 00
2 to 2½ feet	35	3 50	20 00

Baccharis

Baccharis halimifolia. Groundsel Tree, or Salt Bush. (S) Most attractive in the fall and winter when covered with cotton-like seed-vessels, but ornamental at all seasons. Not reliably hardy north of Boston. Fine for sandy soils and well-drained places. 3 to 4 feet, 35 cts. each, $3.50 per doz.

Callicarpa

Callicarpa purpurea. (D) An attractive bush for shrubbery groups, that is literally covered with purplish violet berries in the autumn. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Calycanthus

Calycanthus floridus. Allspice, or Sweet Shrub. (M) June. An old-fashioned shrub of strong, upright habit Not reliably hardy north of Boston. Grows well in most any soil, and in shaded or open places. Valuable for its aromatic fragrance and chocolate-colored flowers of a peculiarly agreeable odor.

	EACH	DOZ.
1½ to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 50

Caragana

Caragana arborescens. Siberian Pea Tree. (L) May. Bright yellow pea-shaped flowers and graceful pinnate leaves. Well adapted to shrubberies. 3 to 4 feet, 35 cts. each, $3.50 per doz.

Berberis vulgaris. Common Barberry. (D) May. An erect grower with light green leaves larger than those of *B. Thunbergii*. The small yellow flowers grow into dark red berries. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

var. purpurea. Purple Barberry. (D) May. Similar in habit to the above, with deep purple foliage that holds its color through the season. It is especially valued for color effects. 1½ to 2 feet, 25 cts. each, $2.25 per doz.

Caryopteris

Caryopteris mastacanthus. Blue Spirea. (D) September. A neat little shrub with fragrant blue verbena-like flowers. Valued for the lateness of its bloom. If killed back in winter new shoots will spring up and flower the first season. Much admired. 1 to 1½ feet, 25 cts. each, $2.25 per doz.

Cephalanthus

Cephalanthus occidentalis. Button Bush. (M) July to September. A very hardy native shrub with globular heads of white flowers. 2 feet, 35 cts. each, $3 50 per doz.

Cercis · Judas, or Red Bud

Very ornamental, low-growing trees that are frequently used in shrubberies or in places where a large shrub is needed. For descriptions and prices, see chapter on Deciduous Trees, page 32.

Chionanthus

Chionanthus Virginica. White Fringe Tree. (L) May and June. A large shrub (frequently a small tree) that grows easily and is generally desirable. Has dark green leaves and fragrant drooping open clusters of white flowers, succeeded by small bluish plum-like fruits. 3 to 4 feet, 50 cts. each, $5 per doz.

Clethra

Clethra alnifolia. Pepper Bush. (D) A desirable native woods shrub of dense growth, producing abundant slender spikes of very fragrant white flowers in midsummer. Valuable for shaded places. 1 to 1½ feet, 25 cts. each, $2.25 per doz.

Colutea

Colutea arborescens. Bladder Senna. (L) June to September. A strong grower, with small foliage and yellow pea-shaped flowers. The curious bronze-colored seed-pods are inflated with air. 3 to 5 feet, 35 cts. each, $3.50 per doz.

Cornus · The Dogwoods

Dogwoods are strong growers in most any soil, and are hardy from the warmer parts of Canada southward. They thrive almost as well in shaded places as in the open ground. While the bush forms are not remarkable for their flowers they are especially valued for the brilliant coloring of the bark, which is very attractive in the leafless months of winter. Cornus are particularly suited for mass planting.

Cornus alba, var. Gouchaulti aurea. (M) A beautiful golden variegated variety, with brilliant red bark. 2 to 3 feet, 50c. each, $5 per doz.

var. Siberica. Red Siberian Dogwood. (M) A highly desirable erect-growing shrub with coral-red branches.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

C. alternifolia. (L) May. A distinct sort with branches arranged in flat spreading tiers. The pretty foliage takes a good autumnal coloring, and the white flower-clusters ripen into dark blue fruits. 5 to 6 feet, 75 cts. each, $7.50 per doz.

C. florida and its varieties described among trees on page 32

C. Mas; syn., mascula. Cornelian Cherry. (L) April. A slow grower, of dense habit and shining leaves. Attractive with its yellow flowers, and brilliant in the fall with scarlet fruits. 3 feet, 35 cts. each, $3.50 per doz.

C. sanguinea. (M) May or June. Greenish white flowers followed in the fall by small black berries. The purple or dark blood-red branches are beautiful in winter.

	EACH	DOZ.
3 feet	$0 35	$3 50
4 feet	50	5 00

var. elegantissima variegata. (D) A fine variegated form with white margined leaves and red bark. 2 to 2½ feet, 50c. each, $5 per doz.

C. sericea. Silky Cornel. (M) June and July. Deep red bark and narrow leaves covered with silky down; fruit-clusters a showy light blue; exceedingly handsome in late fall.

	EACH	DOZ.
3 feet	$0 35	$3 50
4 to 5 feet	50	5 00

Cornus stolonifera; syn., alba. Red Osier Dogwood. (M) May. Spreading habit, dark red bark and white berries. 3 to 4 feet, 50 cts. each, $5 per doz.

var. aurea. Golden-twigged Dogwood. (M) Makes a low open growth and highly valued for the conspicuous, bright yellow bark. Though recently introduced, it has proven vigorous and hardy. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Cotoneaster

Cotoneaster Simonsi. (D) June. Pretty shrub, with small leaves that remain late in the season. Not reliably hardy north of New York. Prized for the white, slightly pinkish flowers and bright red fruits. 2½ to 3 feet, 35 cts. each, $3.50 per doz.

BERRIES OF CORNUS SERICEA

Write for prices by the hundred and thousand

Corylus

Corylus Avellana. EUROPEAN HAZELNUT. (L) A strong-growing shrub with large, dark, rough leaves. Edible nuts in early autumn. Valued for shrubbery masses and wild effects. 6 to 7 feet, 50 cts. each, $5 per doz.

var. purpurea. PURPLE HAZELNUT. (M) Rich purple leaves that show prominently in contrast with other things. 1 to 2 feet, 35 cts. each, $3.50 per doz.

Cydonia

Cydonia Japonica; syn., Pyrus Japonica. JAPAN QUINCE. (M) March and April. A fine old shrub of dense habit and slender, thorny branches. With the first warm days its brilliant flowers burst from among the naked branches with a dazzling array of color. Our stock is grown from seeds and the flowers are mostly scarlet, though occasionally white or pink. This Quince is generally admired; it withstands trimming well and makes a thick, desirable hedge. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Cytisus

Cytisus Laburnum. GOLDEN CHAIN. (L) Popular with the Germans as "Golden Rain" and useful most anywhere. We offer it in both bush and tree form. In early summer it is extremely bright with graceful racemes of wistaria-like golden yellow flowers.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

Deutzias

A family of profuse-flowering shrubs, generally hardy and well adapted to most all soils. Useful for shrubberies, groups or specimens, and the smaller kinds are also desirable for forcing.

Deutzia crenata, var. candidissima. DOUBLE WHITE DEUTZIA. (M) June. A vigorous grower, with double, pure white flowers, borne in panicles.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
4 to 5 feet	50	5 00

var. rosea plena. DOUBLE PINK DEUTZIA. (M) June. Flowers tinged with soft pink.

	EACH	DOZ.
3 feet	$0 35	$3 50
4 to 5 feet	50	5 00

var. Pride of Rochester. (M) Last of May. Equally as robust as the above, with larger panicles of bloom. Double white flowers with under side of petals rose.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
4 to 5 feet	50	5 00

var. Waterer. (L) Single, pink, bell-shaped flowers.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

var. Wellsi. (M) June. Also from China. Double white flowers sparingly tinged with pink.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
5 to 6 feet	50	5 00

Duetzia crenata, var. Watsoni. (M) June. Of Chinese origin. Double white flowers. 4 to 5 feet, 50 cts. each, $5 per doz.

D. gracilis. DWARF DEUTZIA. (D) May. An old-fashioned, dense shrub; flowers in shaded as well as sunny places. Single, pure white flowers.

	EACH	DOZ
18 to 24 inches	$0 25	$2 25
2 to 2½ feet	35	3 50

var. rosea. (D) May. Single, pinkish white flowers. 2 to 2½ ft., 35c. each, $3.50 per doz.

var. venusta. (D) May. Long spikes of single pure white flowers, that closely resemble those of an azalea. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

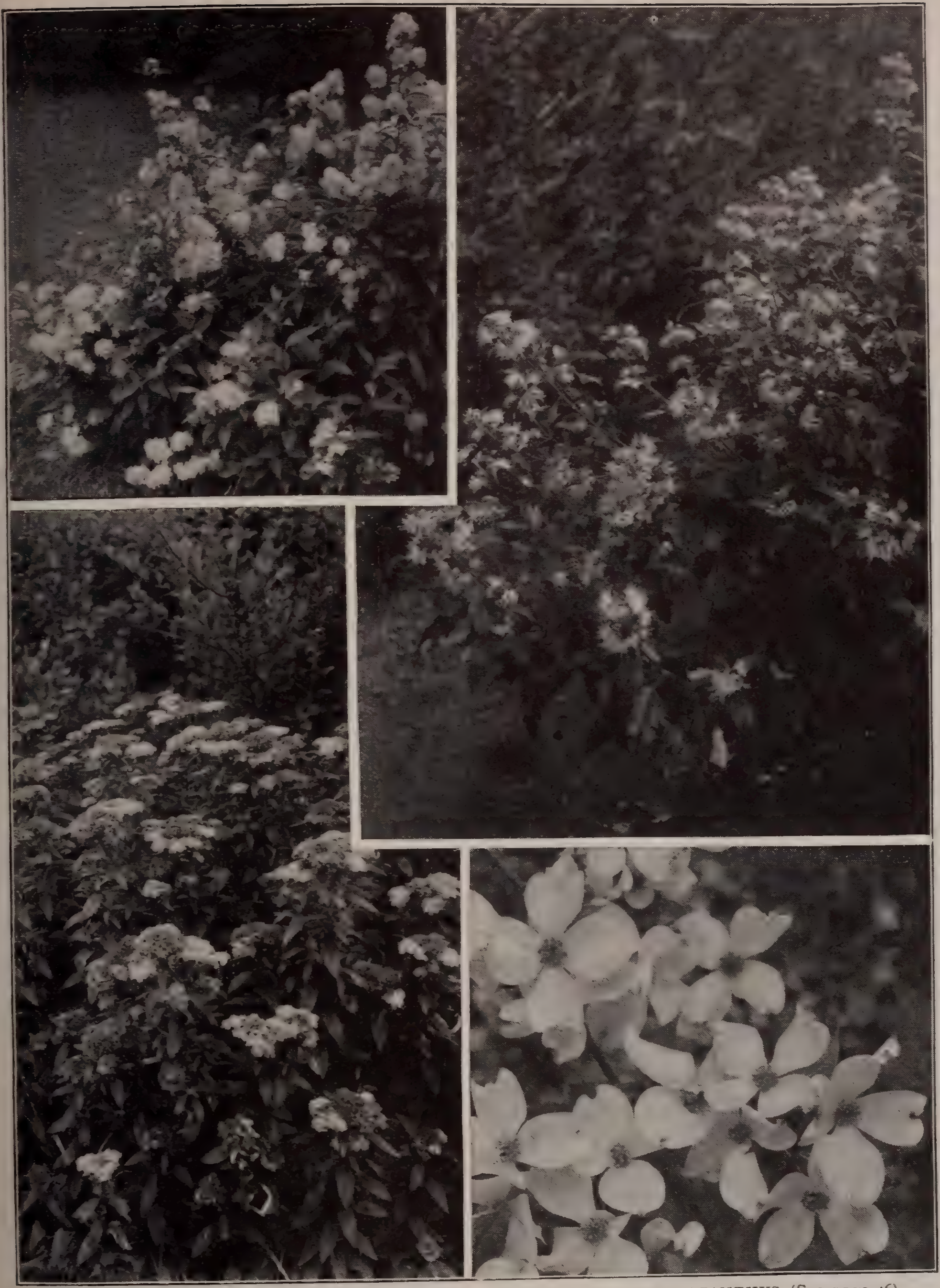
D. Lemoinei. LEMOINE'S DEUTZIA. (D) May. A popular bush with snow-white flowers borne abundantly along the slender branches. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

var. compacta. (D) May. Similar to the above, but of a more compact habit. 1½ to 2 feet, 35 cts. each, $3.50 per doz.

D. scabra. ROUGH-LEAVED DEUTZIA. (S) June. Clusters of single, white bell-shaped flowers.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	50	5 00

Write for prices by the hundred or thousand



DEUTZIA LEMOINEI (See page 48)
SPIRÆA ANTHONY WATERER (See page 59)

CARYOPTERIS MASTACANTHUS (See page 46)
FLOWERS OF CORNUS FLORIDA (See page 32)

Diervilla · The Weigelas

An important group, indispensable for ornamental plantings. They thrive in most any soil, are strong growers and generally hardy. When young of upright habit, growing with age into more graceful shrubs. Useful as specimens, and especially desirable for groups or masses. In May or June, as the lilacs are fading, the Weigelas are aglow with a wealth of flowers, borne all along their branches, and some varieties flower sparingly through the summer.

Diervilla floribunda, var. Lavallei. (M) June. Deep crimson flowers that last for a long while; loose open habit.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
6 to 7 feet	50	5 00

D. florida; syn., **rosea.** (S) May or June. The first of the Weigelas to be introduced into this country. It is a strong, symmetrical grower, with good foliage, can be used in shaded places and is generally useful. The profusion of bloom is variable in color. Some flowers are a delicate pink, others rose and some few almost white.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

var. amabilis. (S) May or June. The flowers are similar to those of the foregoing. The bush differs from other varieties in the more pronounced drooping of its branches, which are especially graceful when laden with their wealth of bloom. 3 to 4 feet, 50 cts. each, $5 per doz.

var. candida. (M) June. Erect and vigorous, an abundant bearer of pure white flowers. Distinct and desirable.

	EACH	DOZ.
2 to 2½ feet	$0 35	$3 50
3 to 4 feet	50	5 00

var. Isoline. (M) June. White flowers that turn slightly pink with age. 3 to 4 feet, 50 cts. each, $5 per doz.

var. nana variegata. (D) June. The silvery variegated leaves hold their color well. An excellent shrub for color contrast. Bears innumerable pale pink flowers and is highly desirable.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

D. Japonica, var. rubra; syn., **hortensis rubra.** (S) June. Abundant light crimson flowers. 4 to 5 feet, 50 cts. each, $5 per doz.

D. sessifolia; syn., **lutea.** (M) July. A native shrub of strong growth, and terminal clusters of yellow flowers; hardy in Canada. Desirable in shrubberies on account of its attractive foliage, which turns a reddish brown. 3 to 4 feet, 50 cts. each, $5 per doz.

DIERVILLA HYBRIDS

These flower at the close of May and occasionally through the summer. They bloom as lavishly and grow as vigorously as the parent forms, attaining a height of from 5 to 8 feet.

Conquete. Pink flowers larger than those of any other kind; fine foliage. New. 3 to 4 feet, 50 cts. each, $5 per doz.

Eva Rathke. A popular new kind, of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Desboisi. Strong grower, with deep rose-colored flowers. 4 to 5 feet, 50 cts. each, $5 per doz.

Steltzneri. Rosy pink flowers.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 6 feet	50	5 00

Symondsii. Rose and white flowers beautifully contrasted.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
5 to 6 feet	50	5 00

Van Houttei. Clear carmine flowers, profuse bloomer.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 6 feet	50	5 00

Elaeagnus

Elæagnus angustifolia. OLEASTER. (L) June. An open bush with long, narrow, silvery leaves and small fragrant yellow flowers followed by yellow fruits. Particularly adapted to sandy soils, though growing in other places. 4 to 5 feet, 50 cts. each, $5 per doz.

E. longipes. SILVER THORN. (D) May. Of low growth. Leaves silvery; flowers yellow, hanging in wreaths along the branches and followed by a thick brilliant fruitage of scarlet berries in July, that are edible as well as ornamental. 2 to 3 ft., 35c. each, $3.50 per doz.

E. umbellata. (M) Somewhat similar to the above with brilliant fruits ripening in October.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
4 to 5 feet	50	5 00

Write for prices by hundred and thousand

Euonymus

A large group of evergreen and deciduous shrubs that show a wide diversity of character. For the Evergreen species see chapter on Evergreen Shrubs, page 20.

Euonymus alatus. CORK-BARKED EUONYMUS. (M) A beautiful shrub with bright green, glossy leaves that turn a brilliant scarlet in the Autumn. The branches are curiously covered with an attractive cork-like bark. Small bright scarlet fruits in the fall. 3 to 4 feet, $1 each, $10 per doz.

E. Europæus. EUROPEAN BURNING BUSH. (L) May. Erect shrub or small tree. Good foliage and desirable in shrubbery masses. Most attractive in autumn when covered with orange-scarlet seed-vessels.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 6 feet	50	5 00

E. nanus. (V D) Bright green foliage that turns purple in the fall. Red fruits ripen in August. Especially valued for rockeries and stony places. 1½ to 2 feet, 35 cts. each, $3.50 per doz.

HIBISCUS SYRIACUS (See page 52)

Exochorda

Exochorda grandiflora. PEARL BUSH. (M) May. A hardy Chinese shrub of rare merit, with slender branches and small leaves. Most beautiful in bloom, when covered with fragrant clusters of pure white, starry flowers that are sometimes an inch in diameter. Admired in all collections and especially adapted for individual planting.

Exochorda grandiflora, continued.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

Forsythia · Golden Bell

Familiar hardy shrubs that burst into bloom as winter is leaving. The bright, golden yellow, star-like flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season. The "Golden Bells" grow easily, attain a height of 8 feet, and are ornamental in leaf as well as flower. They are useful for most any purpose, but indispensable in groups and masses.

Forsythia Fortunei. FORTUNE'S FORSYTHIA. Erect branches and handsome broad, dark green leaves.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

F. Fortunei, var. aurea variegata. Golden variegated leaves. 2 to 3 ft., 35c. each, $3.50 per doz.

F. intermedia. Slender, erect or arching branches, narrower leaves and vigorous grower. 4 to 5 feet, 50 cts. each, $5 per doz.

Forsythia suspensa. Characterized by the graceful drooping habit. Frequently planted by itself and for covering arches and trellises.

	EACH	DOZ.
3 to 3½ feet	$0 35	$3 50
4 to 5 feet	50	5 00

F. viridissima. Erect shoots, spreading branches and bright, glossy green, narrow leaves.

	EACH	DOZ.
3 to 3½ feet	$0 35	$3 50
4 to 5 feet	50	5 00

var. variegata. Similar to the above, with variegated leaves. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Hamamelis

Hamamelis Virginica. WITCH HAZEL. (L) October. A strong-growing shrub in any soil, but succeeds best in moist places. Remarkable for the small, odd yellow flowers that open just as its leaves are brightening with autumn tints. Hardy in Canada. Valuable for massing and wild effects. 4 to 5 feet, 50 cts. each, $5 per doz.

Hamamelis Virginica, continued.

Halesia

Silver Bell, or Snowdrop Tree

Halesia diptera. (L) June. A southern variety, not reliably hardy north of Philadelphia, but beautiful when covered with its fragrant white flowers. 2 to 2½ ft., 35 cts. ea., $3.50 per doz.

H. tetraptera. (L) A large shrub or small tree with slightly drooping branches that are laden in early spring with fragrant, pure white flowers that resemble snowdrops. It grows in most any good soil and in shaded places. Is generally useful, though not reliably hardy north of New York. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

Hibiscus Syriacus

Althea, or Rose of Sharon

Familiar shrubs, deserving of more popularity than they receive. Altheas will grow almost anywhere from Ontario southward, and their abundance of bloom comes at an almost flowerless time, from July to September. There is a wide diversity of color in the flowers of different varieties, though all of the plants are of the same upright character and grow about 12 feet in height, excepting where noted. They should be used in every shrubbery border, are valuable as specimens, and make beautiful screens and hedges. See also page 66.

Folia variegata. (S) One of the best variegated-leaved shrubs, but not conspicuous in flower. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Totus alba simplex. (S). Large, single, pure white flowers.

	EACH	DOZ.
1½ to 2 feet	$0 35	$3 50
2 to 3 feet	50	5 00

Rubus. New. Large, single, ruby-red flowers. 2½ to 3 feet, 50 cts. each, $5 per doz.

Varieties of Double Altheas

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	40	4 00
4 to 5 feet	50	5 00

Alba plena. White, with red center.

Amaranthus. Reddish purple.

Amplissima. Rosy red ; early bloomer.

Ardens. The familiar purplish blue variety.

Boule de Feu. Very double ; red.

Carnea plena. Flesh color.

Comte de Haimont. Delicate pink.

Duc de Brabant. Large, dark rose flowers ; free-blooming.

Duchesse de Brabant. Similar to above ; reddish lilac.

Duc de Bretegne. Shaded rose, nearly pink ; leaves more cut than other sorts.

Double Rouge. Very double ; dark red flowers.

Elegantissima. White, shaded with rose.

Grandiflora superba. White, shaded to pink and carmine.

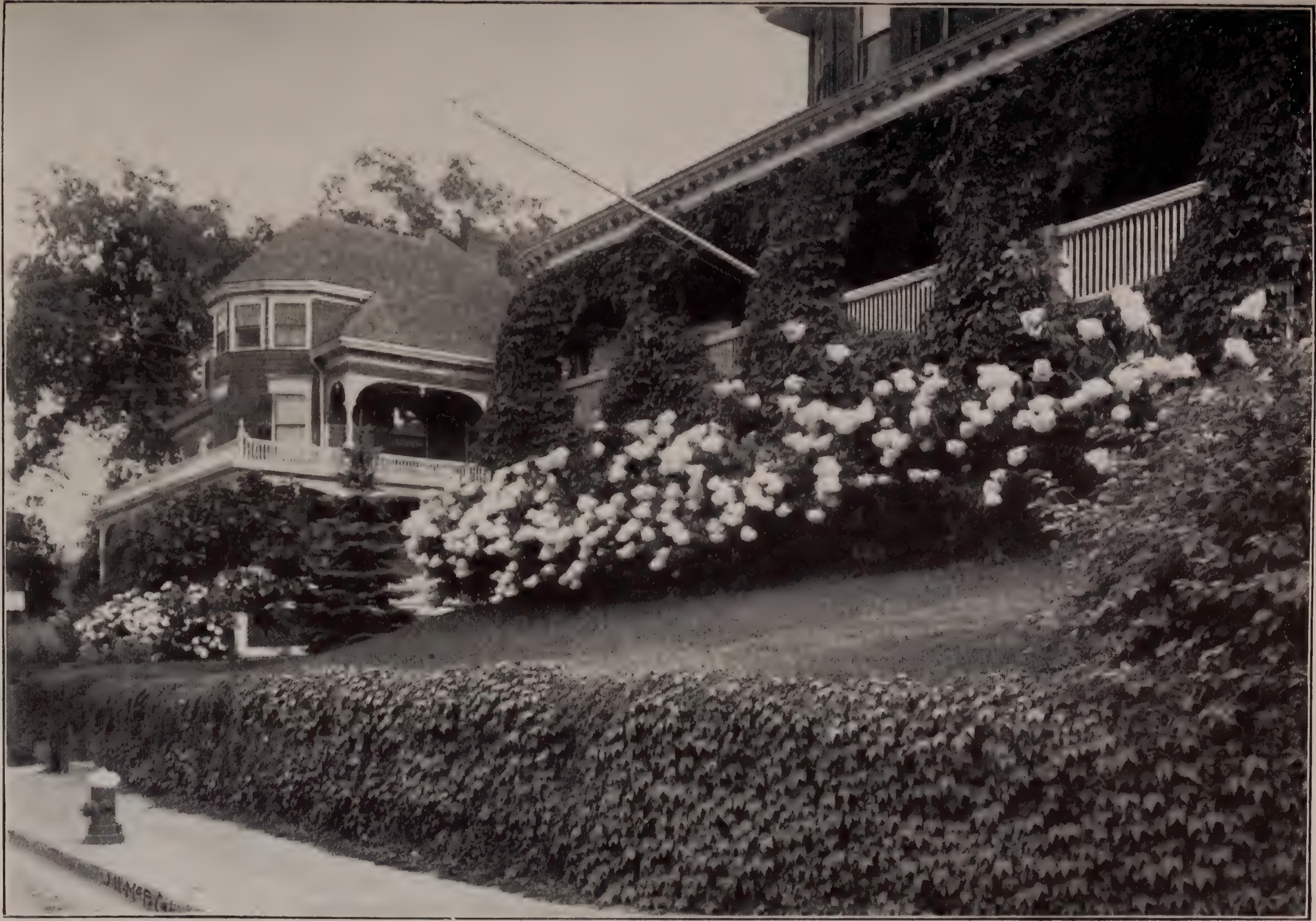
Joan of Arc. Pure white ; very double.

Lady Stanley. White, shaded rose.

Leopoldii plena. New dwarf ; pure white flowers ; early bloomer.

Monstrosa. Very large, white flowers.

Pæoniflora. White, with cherry-red center. Very floriferous.



Planting of Hydrangea paniculata grandiflora at the base of a porch. Virginia Creeper on porch, Ampelopsis Veitchi on wall, and Colorado Blue Spruce on lawn

Double Altheas, continued.

Speciosa. Rosy pink.

Van Houttei. Flowers white, with red center.

Other Varieties

We have a large quantity of Altheas that we have grown from seed, which show a wide diversity of color, in shades of purple, white and red. They include single- and double-flowering plants that are useful for group and mass plantings.

Hippophae

Hippophae rhamnoides. SEA BUCKTHORN. (M) A hardy shrub that endures exposure, and the unfertile soils of sandy and barren places. Valuable for retaining drifting sands, and as an ornament covered with narrow silvery leaves, and in the fall and winter with poisonous red berries; yellowish flowers in May. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Hydrangea

Hydrangea arborescens. (D) June and July. A bushy plant from our native woods, with corymbs of white flowers. Useful in shaded places. 2 to 3 feet, 35 cts. each, $3.50 per doz.

H. hortensis, var. Mariesi. (S) This plant has large, handsome green leaves, and like the other Hortensis or garden varieties of Hydrangeas, it seldom withstands more than 10 degrees of frost. Yet their flowers are so large and beautiful that they repay the expense of protection. The flowers of this particular variety are pink. 50c. each, $5 per doz.

var. monstrosa. (S) Our stock of this recently came from France, and, while we have never seen it bloom, we understand that the flowers are larger than those of any other kind. 50 cts. each, $5 per doz.

var. ramis pictis. (S) Our stock was acquired in France, and we find it a desirable variety, with purplish black branches and bluish white flowers. 50 cts. each, $5 per doz.

var. Otaksa. (S) June to August, Most frequently seen in tubs and vases, but does well in somewhat sheltered places. Ornamental foliage and beautiful large pink or blue flowers, 50 cts. each, $5 per doz.

var. Thomas Hogg. (S) June to August. Similar in appearance and habit to the above, with huge white flowers. 50 cts. each, $5 per doz.

H. paniculata. (M) August to September. This shrub is increasing in popularity because it is a strong grower; quite hardy; has handsome foliage and good bushy habit. The panicles of white bloom are more open than those of Grandiflora. Can be used by itself or in borders.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

H. paniculata, var. grandiflora. GREAT-PANICLED HYDRANGEA. (M) From July to September there is no shrub more showy than this favorite Hydrangea whose branches are bent beneath the weight of the huge, white flower clusters. The illustration on page 53 shows it in the beauty of full bloom, and as the season advances the panicles fade into tints of pink and red. A vigorous grower in nearly all soils and hardy in most parts of the United States and Canada. Should be in all collections; valuable as a specimen and useful for grouping by itself.

	EACH	DOZ.
2½ to 3 feet	$0 25	$2 25
3 to 4 feet	35	3 50

var. grandiflora, Tree-shaped. We have trained some of these shrubs into tree-form, as they make splendid specimens when crowned with their immense flower-panicles. 3½ to 4 feet, 75 cts. each, $7 per doz.

H. quercifolia. OAK-LEAVED HYDRANGEA. (D) August. Purplish white flowers borne in panicles. Especially admired for the large handsome foliage, shaped like an oak-leaf, that in fall turns a conspicuous bronzy purple and lends a contrast to the dying shades of other leaves. Requires protection north of New York. 1 to 1½ feet, 50 cts. each, $5 per doz.

H. radiata. (D) June to July. A southern native shrub that is hardy with us. Resembles *H. arborescens* in character; flowers in flat white clusters. Particularly admired for the silvery white under-surface of its leaves. 2 to 3 feet, 35 cts. each, $3.50 per doz.

The Hydrangeas as a family form one of the most pleasing groups of flowering shrubs, and the varied uses for which they are adapted make them especially desirable either for massing in beds and borders, single specimens, or for hedge purposes.

Hypericum · St. John's Wort

Hypericum aureum. (D) July to September. A stiff dense little shrub that bears abundant yellow flowers at a time when little else is blooming. Hardy as far north as Massachusetts; grows well in moist, stony ground and shaded places. Especially appropriate as a small plant in the front of shrubberies. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

H. Moserianum. GOLD FLOWER. (V D) June until frost. A low creeping plant, with bright green leaves that make a pretty setting for the golden yellow flowers that continue so long in bloom. Requires protection north of Philadelphia, in winter. Desirable as a covering to the bare ground between plants in a bed of evergreens or shrubs, and much used in other places. 1 to 2 feet, 25 cts. each, $2.25 per doz.

Ilex

Ilex verticillata. BLACK ALDER, or WINTERBERRY. (S) A very hardy native shrub, with attractive foliage and habit. Most ornamental in autumn and winter when covered with brilliant red berries. 1 to 2 feet, 35 cts. each, $3.50 per doz.

Jasminum

Jasminum nudiflorum. YELLOW JASMINE. (S) February or March. A shrub with long, slender branches, capable of being trained. Hardy only in sheltered places north of Philadelphia, but much admired for its yellow flowers that open in the first warm days of spring. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Jasminum officinale. JESSAMINE. Not quite as hardy as the former, but is popular in the South, where its fragrant white flowers blossom in summer. Does best when trained to a wall or trellis. 1½ to 2 feet, 35 cts. each, $3.50 per doz.

Kerria, or Corchorus

Shrubs with slender bright green branches that are ornamental, even when divested of leaves. They grow in almost any soil, and do well in open or shaded places. Kerrias are frequently winter-killed north of New York. All the varieties have attractive foliage, grow from 4 to 6 feet in height, and are invaluable at the front of shrubberies or in groups by themselves. Orange-yellow flowers are borne abundantly in May and sparingly through the summer.

Kerria Japonica (simplex). The parent form with single flowers. Very floriferous. 2 to 3 feet, 25 cts. each, $2.25 per doz.

var. argentea variegata. A desirable silvery variegated form, useful for contrasts.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 50

var. aurea variegata. A new variety, with golden variegated leaves. 2 feet, 35 cts. each, $3.50 per doz.

var. flore pleno. GLOBE FLOWER. Similar to *K. Japonica* in appearance, with double rosette-like flowers. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Ligustrum · Privet

A group of ornamental shrubs, including, besides the familiar California Privet, some most desirable plants. The Privets are not particular as to soil, and they grow rapidly in open places or beneath the shade of trees. In shrubbery borders and masses their good qualities can be appreciated as well as in the hedges by which they are best known. They are seldom attacked by insects; withstand shearing and can be kept at any height or clipped into artificial forms.

Ligustrum Amurense. AMOOR PRIVET. (L) Considered more hardy than the California Privet. Makes a good hedge and is desirable; has upright branches and light green leaves that are half evergreen.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	35	3 50
6 to 7 feet	50	5 00

L. ciliatum; syn., **medium.** (M) Spreading habit. One of the hardiest kinds. Drops its leaves early, revealing an abundance of black berries. 2½ to 3 feet, 35 cts. each, $3.50 per doz.

L. Ibota. (M) June to July. Arching habit, narrow leaves and fragrant white flower-clus-

Ligustrum Ibota, continued.

ters. This is believed to be the most hardy variety, and can be grown throughout New York state. Valuable for shrubberies and for hedges. 2 to 2½ feet, 25 cts. each, $2.25 per doz.

var. **Regelianum.** (S) A dense shrub with twiggy branches that droop gracefully at their tips. It seems quite as hardy as the Ibota and is generally useful. The leaves are attractive with their autumnal hues and hide the black berries that show when the leaves have gone. 2 to 2½ feet, 25 cts. each, $2.50 per doz.

L. Japonicum. JAPANESE PRIVET. (M) July to August. The bright, glossy leaves are almost evergreen. The racemes of pure white flowers are attractive and fragrant. A beautiful plant for the South, but it is not hardy north of Philadelphia. 2 feet, 25 cts. each, $2.25 per doz.

L. ovalifolium. CALIFORNIA PRIVET (L) Widely known as a hedging plant; it is a vigorous grower anywhere, endures the unnatural conditions of cities, and is one of the best shrubs for seaside planting. The half evergreen, glossy foliage and pure white flowers in July make it an ornamental shrub that is generally useful. Not reliably hardy north of Boston. See also hedging plants and illustration, page 66.

	EACH	DOZ.
2 to 3 feet	$0 15	$1 50
3 to 4 feet	25	2 25

Standard or Tree Privet. (L) We have trimmed a large number of California Privet into little trees with round, ball-like heads, and find them in demand as a tub plant for terrace, porch and hall decoration. They closely resemble the familiar Bay tree and are much less expensive.

	EACH	DOZ.
3 to 4 feet	$0 75	$7 50
7 to 8 feet	$3 to 5 00	

Ligustrum Sinense. CHINESE PRIVET. (M) July. A graceful slender shrub with small leaves, and much admired for the profusion of its fragrant spike-like flowers, that are succeeded by ornamental fruits. Not reliably hardy north of New York City, but valuable as a specimen or for shrubberies.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
5 to 7 feet	50	5 00

L. vulgare. EUROPEAN PRIVET. (L) June and July. One of the most hardy; often used as a hedge; showy with its spikes of fragrant white flowers and black fruits. Useful for city planting and massing. 2 to 3 feet, 25 cts. each, $2.25 per doz.

Lonicera · Honeysuckles

A varied genus that includes vines and shrubs;—for the vines, see page 72. The bush varieties are in demand for shrubbery groups and borders. They are hardy and grow easily. Their fragrant flowers are admired in spring, but another attraction is the brilliant fruit that follows in the summer and fall.

LONICERA MORROWI

Lonicera bella albida. (M) Very desirable, with a profusion of white flowers followed by showy red fruit. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

L. fragrantissima. (M) April. Small creamy white flowers of delightful fragrance, borne in profusion. The deep green foliage is retained until winter. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

L. Morrowi. JAPANESE HONEYSUCKLE. (M) May. An open bush with crooked branches, dark green leaves and small white flowers. The red fruit is especially ornamental and lasts a long while. See illustration.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 3½ feet	50	5 00

Lonicera Tatarica (rubra). TARTARIAN HONEYSUCKLE. (S) May. A useful old-fashioned shrub with slender, upright branches. Small, fragrant, pink, crimson or blush flowers followed by attractive red or orange-yellow berries. 2 to 3 feet, 35 cts. each, $3.50 per doz.

var. alba. (L) Only the white flowers distinguish it from the above, with which it makes a pleasing contrast. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Lonicera Tatarica, var. grandiflora. (S) May. Of vigorous growth and larger foliage. Pink flowers striped with white; berries equally as attractive. 2 to 3 ft., 35c. each, $3.50 per doz.

L. Xylosteum. FLY HONEYSUCKLE. (M) May. A shapely, erect bush with distinct dull green, hairy leaves. Inconspicuous yellowish white, fragrant flowers. Desirable as a specimen as well as for shrubbery borders.

	EACH	DOZ.
2½ to 3 feet	$0 35	$3 50
4 feet	50	5 00

Philadelphus · Mock Orange, or Syringa

Indispensable well-known shrubs that are prized for their beautiful foliage and white flowers. The taller kinds flower profusely and nothing is finer in their season; while the dwarf varieties do not bloom so lavishly, they form pretty compact bushes, useful for the front of shrubberies. Their vigorous habits and graceful forms are qualities desired in shrubs for any purpose.

Philadelphus Billardi. (S) June. Blooms a week or two later than other kinds. Is desirable for extending the season. 2 to 3 feet, 35 cts. each, $3.50 per doz.

P. cordifolius. (M) June. Adapted to drier soils; attractive heart-shaped leaves.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
5 to 6 feet	50	5 00

P. coronarius. GARLAND MOCK ORANGE. (S) May. A vigorous, hardy old favorite of erect, compact habit. Fragrant white flowers a few days earlier than other sorts. 1 to 2 feet, 35 cts. each, $3.50 per doz.

var. foliis aureis. GOLDEN MOCK ORANGE. (S) Flowers sparingly, but is admired for the golden foliage, which is bright throughout the summer. A desirable edging to shrubberies. 1 to 2 feet, 35 cts. each, $3.50 per doz.

P. deutzia flore pleno. (D) June. Double flowers. 1 to 2 feet, 35 cts. each, $3.50 per doz.

P. grandiflorus. (M) May or June. Forms a large, spreading bush, with graceful drooping branches; a strong grower; flowers slightly fragrant. A common and desirable shrub.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

P. inodorus. SCENTLESS MOCK ORANGE. (M) June. In habit, vigor, and appearance this bush resembles the above. The profusion of bloom is scentless.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

P. Kettlerii flore pleno. A variety valued for its fragrant, double white flowers. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Philadelphus Lemoinei, var. Mont Blanc. (S) June. Upright growth; small leaves and fragrant flowers. Free bloomer. 2 to 3 feet, 50 cts. each, $5 per doz.

FLOWERS OF PHILADELPHUS CORONARIUS

Philadelphus Nepalensis. (M) June. Flowers resemble those of *P. grandiflorus*, and the leaves are slightly tinted with yellow. 2 to 3 feet, 35 cts. each, $3.50 per doz.

P. nivalis. (S) June. Small white flowers of exceptional purity; erect and desirable.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
4 to 5 feet	50	5 00

P. Pekinensis. (S) June. A good-blooming, dense shrub with narrow elongated leaves and fragrant flowers. 2 to 3 feet, 50 cts., each, $5 per doz.

P. pubescens. (L) June. Large, handsome leaves and scentless flowers, often 1½ to 2 in. across. 2 to 3 feet, 50 cts. each, $5 per doz.

P. Zeyheri. (S) June. A showy southern variety of spreading, graceful habit; slightly fragrant flowers borne in great profusion. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Photinia

Photinia villosa. (L) June. A valuable shrub with upright branches and dark green foliage that turns a bright scarlet in autumn. It is hardy to Massachusetts and does best in sunny places. White flowers in corymbs succeeded by brilliant red fruits. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Potentilla

Potentilla fruticosa. Shrubby Cinquefoil. (D) All summer its low spreading branches are bright with golden yellow flowers, and narrow, fuzzy leaves. Grows in dry or wet soils and stony places. 1½ ft., 35c. each, $3.50 per doz.

Prunus

See under Trees also

Prunus amygdalus communis, var. alba flore pleno. White-flowering Almond. (D) Erect, slender branches, covered in May with small, very double and fragrant white flowers. 2 to 2½ feet, 35 cts. each, $3 50 per doz.

var. rosea flore pleno. Pink-flowering Almond. (D) As above, with pink flowers. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

var. rubra flore pleno. Red-flowering Almond. (D) As above, with red flowers. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

P. cerasifera, var. atropurpurea; syn., **Prunus Pissardi.** Purple-leaved Plum. (L) The young shoots and leaves are lustrous crimson, changing to rich purple and retaining it until they fall in the autumn. Small white single flowers cover the shrub in spring. It is desirable as a specimen and one of the best shrubs to give contrasts in borders and groups. 3 to 4 feet, 50 cts. each, $5 per doz.

P. triloba. Double-flowering Plum. (M) May. A strong-growing, hardy shrub, with delicate pink flowers and slender branches. Very ornamental. 3 to 4 feet, 50 cts. each, $5 per doz.

Ptelea · Hop Tree

Large shrubs or small trees, with bright shining leaves and clusters of white flowers in June, that are succeeded by an abundance of seed-vessels that hang on for a long time. Quite hardy; grows easily. Ornamental as a specimen or in connection with other plants.

Ptelea trifoliata. Green leaves. 4 to 5 feet, 35 cts. each, $3.50 per doz.

var. aurea. Golden Hop Tree. The bright golden leaves distinguish it from the above. 3 to 4 feet, 35 cts. each, $3.50 per doz.

Rhamnus

Rhamnus catharticus. Buckthorn. (M) A stiff, twiggy shrub with white flowers in June and July, succeeded by black berries.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

Rhodotypus

Rhodotypus kerrioides. White Kerria. (D) A highly desirable shrub for most any purpose; growing in all soils and succeeding as far north as Massachusetts. Resembles the Kerria in leaf and appearance. The graceful branches bear single white flowers in May and sparingly through the summer. Black berries follow in the fall.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	35	3 50

Rhus

Rhus Cotinus. Mist, or Smoke Tree. (L) A favorite old-fashioned shrub that is reliable almost anywhere. In midsummer its curious, feathery flowers envelop the plant in a purplish mist. The leaves are rich, with shades of red and brown in autumn.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	35	3 50

Ribes · Flowering Currants

Prized for their wealth of fragrant, small right flowers in early spring, and for their ardiness. Erect-growing shrubs, with leaves esembling the common currant. Much used in shrubberies.

Ribes aureum. GOLDEN CURRANT. (D) May. Our beautiful yellow-flowering native. 3 to 4 feet, 35 cts. each, $3.50 per doz.

R. Gordonianum. GORDON'S CURRANT. (D) May. Crimson and yellow flowers borne in pendent bunches. 2 feet, 35 cts. each, $3.50 per doz.

Roses

The bush Roses described on page 67 are frequently used in groups and borders, and always show to advantage in such collections.

Sambucus · Elder

Shrubs of strong growth and easy cultivation, that are ornamental in flower, fruit and foliage. Excellent for masses; desirable for wild effects and valuable for shaded places.

Sambucus Canadensis. COMMON ELDER. (M) June. White flowers in flat cymes, that ripen into clusters of edible black berries in July and August. 2 to 3 ft., 35c. each, $3.50 per doz.

S. nigra, var. aurea. GOLDEN ELDER. (S) May. The bright golden yellow leaves are most attractive throughout the season, and give a tone of contrast in all plantings.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

var. laciniata. CUT-LEAVED ELDER. (M) Handsome foliage, and one of the best shrubs. 2 to 3 feet, 35 cts. each, $3.50 per doz.

var. variegata. VARIEGATED ELDER. (M) May. The mottled green and pale yellow or white leaves are its distinguishing feature. 2½ to 3 feet, 35 cts. each, $3.50 per doz.

S. racemosa. RED-BERRIED ELDER. (M) May. A strong grower for rocky places and wild effects. Large clusters of white flowers that ripen into bright red fruits. 4 to 5 feet, 50 cts. each, $5 per doz.

Spiraea

Indispensable shrubs of easy culture that differ so in size, character and time of bloom that there are varieties suited to almost every purpose.

Spiræa argentea; syn., canescens. (D) June to August. Attractive, upright shrub, with panicles of white bloom, useful in the lower and wilder portions of the lawn. 3 to 3½ feet, 35 cts. each, $3.50 per doz,

S. arguta. (D) Early May. Equally as desirable and possibly more vigorous than *S. Thunbergii*, which it very closely resembles in flower, habit and appearance. 2 to 3 feet, 35 cts. each, $3.50 per doz.

S. ariæfolia. (D) July. Toothed leaves, hairy beneath; compact habit; slender branches; abundant small greenish white flowers. Distinct. 2 feet, 35 cts. each, $3.50 per doz.

S. Billardi. (M) July to September. Sparsely twigged; erect branches, crowned with narrow, dense spikes of bright pink flowers. A strong grower; useful in shrubberies and similar places. 4 feet, 35 cents each, $3.50 per doz.

var. alba. (S) July to September. A white-flowering form of the above, that seems equally desirable. 4 feet, 35 cts. each, $3.50 per doz.

Spiræa Blumei. (S) June and July. A variety rare in cultivation, with loose, pendent branches and white flowers. Not hardy north. 4 to 5 feet, 35 cts. each, $3.50 per doz.

S. Bumalda. (D) June until frost. A bushy plant with good foliage, vigorous habit and abundant rosy pink, flat flower-heads. Desirable as an edging to shrubberies. 2 to 3 feet, 35 cts. each, $3.50 per doz.

var. Anthony Waterer. (D) June until frost. One of the most popular shrubs, possessing the characteristics and robust habits of the parent form, but with crimson flower-heads of a richer, brighter hue. Good foliage, frequently splashed with odd, though pretty yellowish white markings. A beautiful edging and desirable plant at the front of shrubberies, or wherever a low bush is required. 1½ to 2 feet, 35c. each, $3.50 per doz.

S. callosa. FORTUNE'S SPIREA. (D) All summer. A dense shrub with pale, bluish green leaves and flat, pink flower-clusters. 3 to 4 feet, 35 cts. each, $3.50 per doz.

Spiræa callosa, var. alba. (D) All summer. A white form of the above, that is showy and desirable. 1½ to 2 feet, 35 cts. each, $3.50 per doz.

var. rosea superba. (D) All summer. The bright, light rose-colored flowers alone distinguish it from the foregoing. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

S. Douglasi. DOUGLAS' SPIREA. (S) July and August. An erect form, with narrow, hairy leaves, and panicles of deep pink flowers. Valued in groupings. 2 feet, 25 cts. each, $2.50 per doz.

S. opulifolia. NINE BARK. (M) June. A strong, rapid grower in most any soil and even in shaded places. Long, swaying branches laden with white feathery flower-clusters. 4 to 5 feet, 50 cts. each, $5 per doz.

S. opulifolia, var. aurea. (M) June. Resembles the preceding but more conspicuous in spring with its bright golden leaves that darken somewhat as the season advances. Double white flowers valued for contrasts and desirable anywhere.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

S. prunifolia flore pleno. BRIDAL WREATH. (M) Early May. A hardy old-fashioned shrub that is still popular. As the leaves are opening small snowy white, double flowers wrap themselves along the branches in a lavish display of bloom. The little glossy green leaves color brilliantly in autumn. Makes an elegant hedge and is useful anywhere. 3 to 4 feet, 35 cts. each, $3.50 per doz.

SPIRÆA REEVESIANA AT GLENWOOD

Spiræa prunifolia flore pleno, continued.

S. Reevesiana. (M) Last of May. Attractive foliage and beautiful clusters of pure white florets which bend the branches gracefully and cover them completely. Tender north of Boston. Serves almost any purpose. 3 to 4 feet, 35 cts. each, $3.50 per doz.

var. flore pleno. (D) As above, with double flowers. 3 to 4 feet, 35c. each, $3.50 per doz.

S. salicifolia. WILLOW-LEAVED SPIREA. (S) June to September. Erect, strong habit; fond of wet ground, but succeeds almost anywhere. Useful for masses and wild effects. 2 to 3 feet, 35 cts. each, $3.50 per doz.

var. alba. (S) Character and habit as above, with pretty white flowers. Rare in cultivation. 3 to 4 feet, 35 cts. each, $3.50 per doz.

S. semperflorens. (D) July to September. An uncommon variety, with pink flowers. A continuous bloomer. 3 to 4 feet, 35 cts. each, $3.50 per doz.

S. rotundifolia. (M) June. Distinct and hardy, with white flowers and roundish leaves, remaining fresh until late in the fall. 2 to 3 feet, 35 cts. each, $3.50 per doz.

S. Thunbergii. THUNBERG'S SPIREA. (D) April and May. A graceful bush, beautiful at all seasons with innumerable small white flowers that crowd along its slender branches, and shine as snow through the light green feathery foliage. The tiny leaves turn a brilliant orange-scarlet in the autumn. It grows well at the seaside, in moist soils and drier places, but is only partially hardy in our coldest states.

	EACH	DOZ.
1½ to 2 feet	$0 25	$2 25
2 to 3 feet	35	3 50

S. tomentosa. HARDHACK. (D) July to September. Flowers in deep pink panicles. Hardy to Nova Scotia. Valued in low places and for wild effects. 2 to 2½ feet, 25 cts. each, $2.25 per doz.

S. Van Houttei. (M) May. Among the very finest of flowering shrubs. A strong hardy grower of graceful drooping habit, with handsome foliage. The profusion of bloom weighs the slender branches and covers the bush with a beautiful canopy of white. Desirable from any standpoint.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 25
3 to 4 feet	35	3 50

Staphylea

Staphylea colchica. BLADDER NUT. (M) May. An upright shrub that is not hardy north of Massachusetts, but is much admired for its fragrant white flower-clusters. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Stephanandra

Stephanandra flexuosa. (D) A thick shrub with graceful branches and handsome small foliage that is almost as delicate as a fern and turns a bronze red in late summer and autumn. In June, small, inconspicuous fragrant flowers are up and down the branches. Grows easily and is adapted to rocky places and shrubbery borders.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

Styrax

Styrax Japonica. (L) A large shrub or small tree that merits the popularity it receives. Makes a fine display in June when hung full of its fragrant, white bells.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00
6 to 7 feet	75	7 50

Stuartia

Stuartia pentagyna. (L) A rarely cultivated small tree or shrub with conspicuous, creamy white flowers in July or August and handsome foliage. 1 to 2 feet, 35 cts. each, $3.50 per doz.

Symphoricarpus

Small native shrubs that are much used in shaded places and in open masses. They grow well in almost any soil, are quite hardy and very ornamental, especially so when covered with berries in fall and winter. They grow 3 to 6 feet in height, have small leaves and slender branches.

Symphoricarpus racemosus. SNOWBERRY. July and August. Small red flowers, succeeded by abundant white berries. 2 to 3 feet, 25 cts. each, $2.50 per doz.

S. vulgaris; syn., **rubra**. CORAL BERRY. July. Similar in character to the above, useful in the same ways. Purplish red berries in autumn. 2 to 3 feet, 25 cts. each, $2.50 per doz.

var. variegatus. The leaves are variegated with golden yellow and green. 2 to 3 feet, 25 cts. each, $2.50 per doz.

Syringa · The Lilacs

"The Lilac among shrubs is like the maple among trees, the most common and most indispensable." In many country dooryards the neglected Lilacs continue to bloom with a fragrance and beauty that is surpassed by no other shrub. With the revival of old-fashioned gardens, their popularity is increasing ; no shrubbery mass is complete without them. They are hardy, robust plants that do well and flower abundantly with little care. The large collection we offer embraces tall- and low-growing shrubs, kinds that will give a succession of bloom for several weeks.

Syringa Chinensis; syn., **Rothomagensis.** ROUEN LILAC. (M) May. A hybrid variety of merit. Has arching branches and large, loose, reddish purple flower-plumes that are variable in color. The narrow leaves differ from those of other Lilacs. 3 feet, 35 cts. each, $3.50 per doz.

var. alba. (M) May. A white-flowering variety of the above that has the same general characteristics. 3 ft., 35c. each, $3.50 per doz.

S. Japonica. (L) June. A tree-like form, with glossy leathery leaves. It is quite hardy, and the yellowish white flowers come after other Lilacs are through blooming. 2 to 3 feet, 50 cts. each, $5 per doz.

Syringa Josikæa. CHIONANTHUS-LEAVED LILAC. (M) Late in May. A distinct type of tall growth, with dark green leaves. The deep purple buds, arranged in loose panicles, open into light violet-colored flowers. 1 to 2 feet, 35 cts. each, $3.50 per doz.

S. Pekinensis. (L) June. The narrow leaves are held on the slender spreading branches late in the fall. Excellent habit, beautiful, with its panicles of yellowish white flowers. 4 to 5 feet, 50c. each, $5 per doz.

S. Persica, var. alba. WHITE PERSIAN LILAC. (M) May. A profusely blooming shrub with slender, arching branches and small, narrow

Syringa Persica, var. alba, continued.

leaves. Its delicate white flowers, frequently tinted, are borne in loose, open panicles and are very desirable. 2 to 3 feet, 35 cts. each, $3.50 per doz.

var. laciniata. (M) An odd, attractive variety with finely divided foliage and open flower-clusters. 1½ to 2 ft., 35c. each, $3.50 per doz.

S. vulgaris. COMMON LILAC. (M) May. The well-known old-fashioned Lilac so often seen in gardens. It is hardy and vigorous; endures neglect and blooms abundantly. The medium large panicles of bluish purple flowers are very attractive and useful for house decorations.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

var. alba. COMMON WHITE LILAC. (M) May. Its general character is similar to the above. Flowers white.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

SYRINGA FRAU DAMMANN

VARIETIES OF SYRINGA VULGARIS

These flower abundantly, and their sweet fragrance scents the air about the second week in May. They grow to be 6 to 8 feet in height.

Abel Carriere. Large, double, pale blue flowers, the under side of whose petals is a fine rose color. 2 to 3 ft., 50c. each, $5 per doz.

Alphonse Lavalle. Large panicles of double violet-blue flowers. 2 to 3 feet, 50 cts. each, $5 per doz.

Belle de Nancy. Double white flowers that are tinged with purple. 2 to 3 feet, 50 cts. each, $5 per doz.

Charles X. A vigorous grower, with good habit and handsome foliage. The reddish purple flowers are borne abundantly on loose trusses. 1½ to 2 feet, 35 cts. each, $3.50 per doz.

Frau Bertha Dammann. One of the best; a free bloomer, with medium-sized white flowers, borne in large panicles. 2 to 3 feet, 50 cts. each, $5 per doz.

Insignis rubra. The buds are dark red, and open into rosy purple flowers. Among the best. 2 to 2½ feet, 50c. each, $5 per doz.

Marie Legraye. A small bush, and a good variety for forcing. The panicles of single white flowers are especially fine and fragrant. 2 to 2½ feet, 50 cts. each, $5 per doz.

Mme. Abel Chatenay. Pure white flowers in compact panicles. 2 to 3 feet, 50 cts. each, $5 per doz.

Mons. Chas. Perrier. Large, handsome foliage and very fragrant semi-double, pure white flowers, borne in medium-sized clusters. 2 to 3 feet, 50 cts. each, $5 per doz.

President Grevy. The individual flowers are very large and double; a beautiful blue in color. The panicles are larger than those of any other variety. 2 to 3 feet, 50 cts. each, $5 per doz.

Ranunculæflora flore pleno. An uncommon variety, with double pale blue flowers. 1½ to 2½ feet, 50 cts. each, $5 per doz.

Rubra de Marley. Single, rich rosy purple flowers that are borne abundantly. Resembles the common purple lilac, and is very desirable. 3 to 4 feet, 50 cts. each, $5 per doz.

Senateur Volland. A good variety, with double rosy red flowers. 2 to 3 ft., 50c. ea., $5 per doz.

Souvenir de Ludwig Spæth. The single flowers are a very dark purple, and distinct from other kinds. 2 to 3 ft., 50c. each, $5 per doz.

Virginale. A strong grower and abundant bloomer. Large trusses of single white flowers. 2 to 2½ feet, 50 cts. each, $5 per doz.

Tamarix · Tamarisk

Shrubs of strong but slender, upright growth; clothed with foliage as light and feathery as that of the asparagus. Their delicate fringing flowers are usually some warm shade of pink or red. They are hardy as far north as Massachusetts and very ornamental at the back of shrubbery borders and valuable for seaside planting.

Tamarix Africana. (L) May. The first to flower. Sea-green foliage. 2 to 3 feet, 35 cts. each, $3.50 per doz.

T. Gallica. (L) May to July. Lighter green foliage, and later in flower. 2 to 3 feet, 35 cts. each, $3.50 per doz.

VIBURNUM LENTAGO

Tamarix Gallica, var. Indica. (L) May. The pink flower-racemes are longer than those of other kinds. The foliage is dull green. 2 to 3 feet, 35 cts. each, $3.50 per doz.

T. Odessana. (M) July to September. Of lower growth. Pink flowers. 2 to 3 feet, 35 cts. each, $3.50 per doz.

T. tetrandra, var. purpurea. (M) June and July. Purplish pink flowers. A desirable variety of doubtful nomenclature. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Viburnums

In this group are included the Snowballs, which give in spring the same showy effect produced by hydrangeas in the fall. Viburnums are especially hardy; grow quickly and are particularly free from the attacks of injurious insects. They are invaluable in shrubbery borders; desirable as specimens and useful in all plantings.

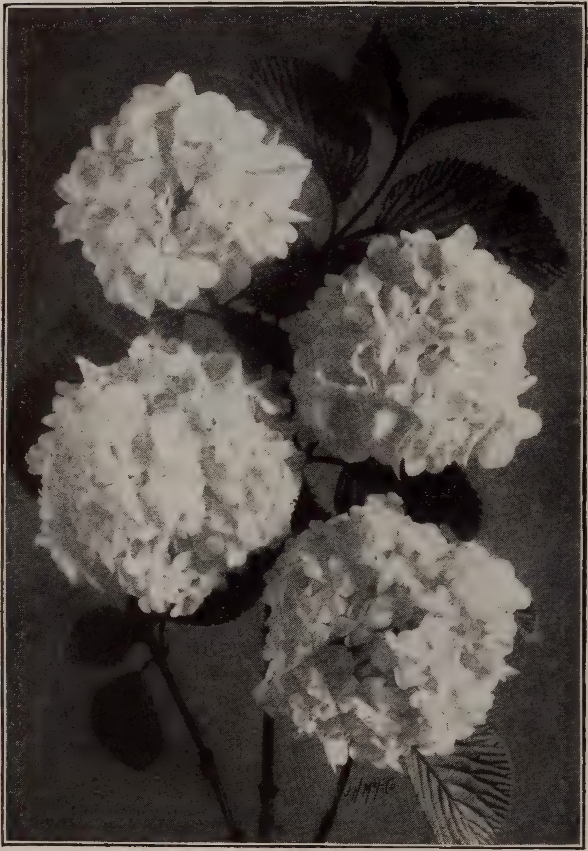
VIBURNUM OPULUS

Viburnum cassinoides. White Rod. (M) June. Flat yellowish white flower-heads. Erect habit; very hardy and a good plant for the borders of shrubbery. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

V. dentatum. Arrow Wood. (L). May. A handsome native shrub, with glossy green leaves and white flowers that ripen into black berries.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

V. dilatatum. (M) May and June. A free-flowering shrub, especially admired for the abun-



FLOWERS OF VIBURNUM PLICATUM

Viburnum dilatatum, continued.

dance of its scarlet fruits that cling to the branches a long time. 2 to 2½ feet, 35 cts. each, $3.50 per doz.

V. Lantana. WAYFARING TREE. (L) May and June. White flower-clusters succeeded by red fruits that later turn to black. Good foliage and an especially desirable shrub for dry places and limestone soils.

	EACH	DOZ.
2½ to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

V. Lentago. SHEEP-BERRY. (L) May and June. Strong-growing shrubs, with slender branches and glossy green foliage. Creamy white and fragrant flowers, followed by bluish black berries that last until spring. 2 to 3 feet, 35 cts. each, $3.50 per doz.

Viburnum molle. (S) A native shrub, with handsome, large, deep green leaves, similar to *V. dentatum*, bu blooming a few weeks later. 2 to feet, 35 cts. each, $3.50 per doz.

V. Opulus; syn., Oxycoccus. CRANBERRY BUSH. (M) May. Spreading habit. Single white flowers borne in flat, imperfect clusters. Highly valued for the brilliant red berries that cling to the leafless branches all winter, unmolested by birds.

	EACH	DOZ
2½ to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

var. sterile. GUELDER ROSE. (M) May. The old-fashioned Snowbal that grows almost anywhere and always flowers so abundantly. In appearance it closely resembles the above, but does not have the ornamental fruits. 2 to 3 feet, 35 cts. each, $3.50 per doz.

V. tomentosum. SINGLE JAPAN SNOWBALL. (S) May. An elegant shrub with beautiful dark green leaves. The white flowers, borne in flat clusters, are followed by decorative red berries, that later change to black Valuable in shrubberies.

	EACH	DOZ
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

var. plicatum. JAPAN SNOWBALL. (S) May. One of the best ornamental shrubs, similar in habit to the above. It bears abundant white balls of bloom that have a beautiful setting in the deep green leaves.

	EACH	DOZ
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

Xanthoceras

Xanthoceras sorbifolia. (L) May. A rare shrub with stout, upright branches, pinnate foliage and slender panicles of white flowers, that are blotched with yellow and red. It is hardy as far north as Massachusetts, and especially valued for solitary planting on the lawn. 1 to 1½ feet, 35 cts. each, $3.50 per doz.

Xanthorrhiza

Xanthorrhiza apiifolia. SHRUB YELLOW-ROOT. (S) April. Purple flowers and good foliage make this shrub ornamental. It suckers freely and is valued for covering slopes as an undergrowth and for wild effects. 1 to 1½ feet, 35 cts. each, $3.50 per doz.

Hedge Plants

The value of hedges in ornamental plantings is realized. The beauty of living plants is not to be compared with the stiff and measured lines of fences. Annual trimmings and occasional weedings and cultivation are all the care that established hedges require, and with age they increase in density and beauty instead of rotting away with time. Evergreen Hedges, fresh and green at all seasons, retain their beauty and serve the purpose for which they are intended even in winter. They should be trimmed in either May or August and may be kept at any desired height. They increase in density and branch out at the ground, making a thick, almost impenetrable wall. As screens to unsightly objects and as windbreaks for exposed places there is nothing better. Deciduous Hedges, grow more rapidly and are less expensive. They require the same care and should usually be trimmed in winter. The flowering hedges are most showy with their long lines of bloom, and the thorny plants serve best for defensive purposes.

EVERGREEN

AZALEA amoena. This little plant is fully described on page 22. Its low, dense growth fits it as an edging or border and it is brilliant in bloom. This is a novel use for this plant but one for which it meets all the requirements See sizes and quotations, page 22.

BUXUS sempervirens, var. suffruticosa. DWARF BOX. This dwarf, dense box bush is used as an edging to walks, and is valued in all formal and old-fashioned gardens. Should be planted 3 or 4 inches apart and the earth pressed very firmly about their roots. 4 to 6 inches high, $6 per 100, $50 per 1,000.

PICEA excelsa. NORWAY SPRUCE. Makes a dense, compact hedge; thick screen and rapid-growing windbreak. For description of plant, see page 8.

	100	1,000
1 to 1½ feet	$15 00	$125 00
1½ to 2 feet	20 00	175 00
2 to 2½ feet	30 00	250 00
2½ to 3 feet	40 00	350 00

THUYA compacta. COMPACT ARBORVITÆ. A dwarf, bushy form, with foliage similar to the above. It is most used as an edging and for enclosing cemetery lots. Also, see page 17.

	100
10 to 12 inches	$15 00
18 to 24 inches, extra heavy	50 00

T. occidentalis. AMERICAN ARBORVITÆ. This upright tree is especially desired for screens, and, if trimmed, is valued for hedges. It is a fast grower with soft, light green foliage. See description on page 17.

	100	1,000
2 to 2½ feet	$15 00	$125 00
3 to 3½ feet	40 00	350 00
3½ to 4 feet	65 00	600 00
4 to 5 feet	80 00	750 00

TSUGA Canadensis. HEMLOCK SPRUCE. A rapid grower in any soil; very hardy and unsurpassed in beauty as a hedging plant. By trimming it can be made dense and bushy. Particularly good for high hedges, The dense young growth is feathery and graceful. For a fuller description, see page 19.

	100	1,000
1 to 1½ feet	$20 00	$175 00
2 to 2½ feet	35 00	300 00
3 to 3½ feet, extra heavy	80 00	750 00

BERBERIS THUNBERGII, AS A HEDGE PLANT

HEDGE OF CALIFORNIA PRIVET, TWO YEARS AFTER BEING PLANTED BY US

DECIDUOUS

BERBERIS Thunbergii. Japanese Barberry. This low, dense, thorny plant, with beautiful small leaves, withstands shearing well. Adapted especially as an edging, low border or hedge plant. See page 46.

	100
1 to 1½ feet	$10 00
1½ to 2 feet	15 00
2 to 2½ feet	20 00

HIBISCUS Syriacus. Altheas. Strong-growing shrubs that flower abundantly on their young wood, so that the profusion of bloom is increased by pruning in winter. For list of varieties and descriptions, see page 52.

	100
1 to 2 feet	$12 00
2 to 3 feet	20 00
3 to 4 feet	30 00

LIGUSTRUM ovalifolium. California Privet. The most frequently planted of all hedge plants, because it is a rapid grower under all conditions, a dense symmetrical plant in itself that withstands shearing well. The foliage is always bright and glossy, and lasts well on in the winter. Unfortunately it is not reliably hardy north of Boston. Our plants are all low-branched and bushy. The one-year size should be set 10 inches apart and the two-year size 12 inches, to make a thick hedge that will give immediate effect. See page 56, and illustration above, showing what a vigorous and bushy growth our Privet makes.

Ligustrum ovalifolium, continued.

	100	1,000
1-year, 1 to 2 feet, bushy	$4 00	$25 00
2-year, 2 to 3 feet, bushy	8 00	50 00
2-year, 3 to 3½ feet, bushy	12 00	80 00

MACLURA aurantiaca. Osage Orange. A cheap thorny hedge plant, with bright glossy leaves. Makes a durable fence, grows anywhere.

	1,000
1-year	$5 00
2-year	8 00

ROSA rugosa. Japanese Sweetbrier. Dwarf bushy habit, handsome, rough, dark green leaves; a succession of red or white flowers from June until frost, and the bright little orange-shaped seed-vessels are attractions that make this one of the prettiest flowering hedge plants.

	100
1 to 1½ feet	$12 00
1½ to 2 feet	20 00

Hardy Garden Roses

The beauty of the Rose is so widely appreciated that the popularity it now enjoys and the demand for hardy garden Roses are annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight to all who grow them. For garden planting the Hybrid Perpetual Roses are the most vigorous growers, and they flower abundantly in June, with scattered blooms that open even late in the fall. Our assortment of these "Everblooming Roses" has been culled of varieties not found generally hardy and satisfactory, and we have added several new desirable kinds to our collection since last year.

HYBRID PERPETUALS

Strong 2-year-old plants, 40 cts. each, $4 per doz.

Alfred Colomb. Brilliant carmine-crimson; large, globular.

Alfred K. Williams. Carmine-red, with deeper shades, full flower.

Anne de Diesbach. Clear bright carmine; large, full, fragrant.

Baron de Bonstetten. Dark velvety red, large, fragrant flowers.

Baroness Rothschild. Rich satiny pink; magnificent.

Boule de Neige. Pure white; free-blooming.

Captain Christy. Very large, double buds of deep flesh color; in bloom all season.

Captain Hayward. Bright crimson-carmine; a distinct shade and very fragrant.

Coquette des Blanches. Pure white; large, globular.

Duke of Edinburgh. Bright crimson; large and double.

Earl of Dufferin. Large, full, finely formed; velvety scarlet.

Fisher Holmes. Rich velvety crimson.

General Jacqueminot. Brilliant scarlet-crimson.

Gloire de Margottin. Dazzling scarlet.

Gloire Lyonnaise. White, tinted yellow.

Hermosa. Bright rich pink.

John Hopper. Bright rose, carmine center; cupped and well formed.

Jules Margottin. Bright carmine; cupped; very fragrant.

La France. Splendid satiny rose; constant bloomer.

Louis van Houtte. Dark velvety crimson, large and full.

Mabel Morrison. Pure white, flushed pink in autumn.

Madame Plantier. Pure white, free-blooming. A model hedge and cemetery Rose.

Magna Charta. Bright pink, suffused carmine.

Marchioness of Lorne. Rich fulgent rose, shaded vivid crimson in the center. Very double and sweet.

Margaret Dickson. Finest of all white hybrids.

Marie Baumann. Bright carmine; large, exquisitely formed.

Marshall P. Wilder. Cherry-carmine; large and full.

Merveille de Lyon. White shaded rose.

Mme. Gabriel Luizet. Fine satiny rose.

Mrs. John Laing. Delicate pink, large, full.

Mrs. J. Sharman-Crawford. Deep rosy pink; outer petals shaded with pale flesh.

Paul Neyron. Very large; dark rose.

Persian Yellow. Bright golden yellow; blooms very early.

Prince Camille de Rohan. Deep velvety crimson, with black shadings.

Rodocanachi. Beautiful transparent rose, shaded pink; long-stemmed, fragrant.

Soleil d'Or. New hardy yellow Rose.

Tom Wood. Cherry-red; shell-shaped petals.

Ulrich Brunner. Bright cerise-red; large and full.

Victor Verdier. Rosy carmine; large, showy.

White Baroness. Pure white; splendid bloomer.

BUSH ROSES

Blanda. Early Wild Rose. This Rose is found growing wild over a large part of our country. It grows to about 5 feet in height, and bears single rosy pink flowers. Can be employed to advantage in all wild and natural plantings. 2 to 3 feet, 20 cts. each, $2 per doz.

BUSH ROSES, continued

Carolina. SWAMP ROSE. Grows about 8 feet high and flowers from June until September; the foliage is dull green and the flowers showy pink. Very hardy; generally useful, and thrives best in moist ground. 1½ to 2 feet, 20 cts. each, $2 per doz.

Lucida. Grows about 6 feet high, and is very hardy. Well adapted to shrubbery borders, where its shining foliage and single bright pink flowers are showy in the summer months. In winter the brownish red branches and plump red fruits are attractive. 2 to 3 feet, 20 cts. each, $2 per doz.

Multiflora. A Japanese Rose that is covered in June with very fragrant clusters of small semi-double flowers that are succeeded by bright red seed-vessels. It is a strong-growing, quite hardy bush that sends out vigorous, long recurving or climbing branches, which are capable of being trained as a climbing Rose is. Valuable in shrubbery borders, and to produce wild effects. 3 to 4 feet, 25 cts. each, $2.50 per doz.

Rugosa. JAPANESE ROSE. Dark green; wrinkled leaves that are attractive late into the fall. Showy single pink or white flowers that begin in May and continue to bloom all summer, and are succeeded by bright, round seed-vessels. One of the most attractive plants for shrubbery borders. See hedging plants also, page 66.

	EACH	DOZ.
1 to 1½ feet	$0 20	$2 00
1½ to 2 feet	35	3 50

Setigera. PRAIRIE ROSE. A half-climbing Rose of strong growth, with single, deep rose-colored flowers. It is very valuable for covering banks and hillsides and in all plantings for wild effects. See Climbing Roses also, page 68.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 5 feet	35	3 50

CLIMBING ROSES

Crimson Rambler. A recent introduction, but familiar and popular Rose. It is a strong, rapid grower that produces exceedingly large and brilliant clusters of small, double crimson flowers in great profusion. There is nothing finer for training over verandas, walls, pillars, etc.

	EACH	DOZ.
1-year	$0 20	$2 00
2-year	40	4 00

Dawson. A strong, vigorous grower; it is considered by some as valuable as the Crimson Rambler. Large clusters of double, bright carmine flowers.

	EACH	DOZ.
1-year	$0 20	$2 00
2-year	30	3 00

Multiflora. Can be trained into a beautiful climbing Rose. See description among Bush Roses, page 66.

Prairie Queen. A favorite Rose, with clusters of double rosy pink flowers. Good bloomer.

	EACH	DOZ.
2-year	$0 25	$2 50
3-year	35	3 50

Setigera. PRAIRIE ROSE. Shows tendencies to climb, and if trained on trellises or verandas is very effective with its single deep rose-colored flowers. See also Bush Roses.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 5 feet	35	3 50

White Rambler. Clusters of double white flowers of medium size that are very fragrant, and resemble those of the Royal Cluster Rose that we have offered in former years.

	EACH	DOZ.
2-year	$0 30	$3 00
3-year	40	4 00

Yellow Rambler. The deep yellow flower-buds open into double creamy white Roses.

	EACH	DOZ.
2-year	$0 30	$3 00
3-year	40	4 00

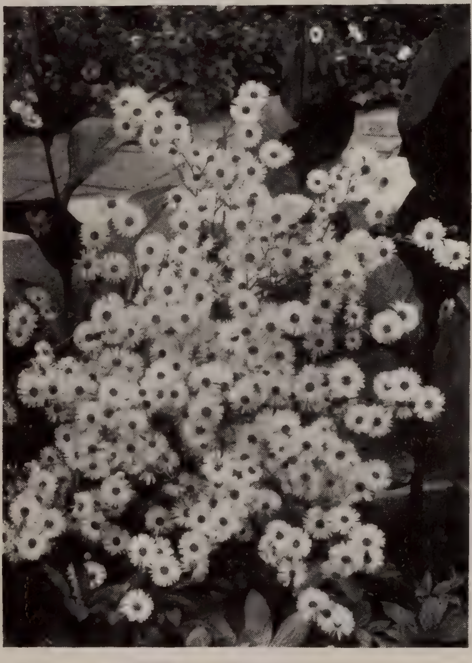
Rosa Wichuraiana and Hybrids

Manda's Triumph. Large clusters of double white flowers that are almost 2 inches across. Handsome foliage, strong grower and a generally useful Rose. 2 yr., 20c. ea., $2 per doz.

South Orange Perfection. Clusters of smaller double flowers than the above, which are a beautiful shade of pink in bud and change to white as they open. 2-yr., 20c. ea., $2 per doz.

Universal Favorite. A stronger grower than either of the above, with a profusion of very fragrant soft rose-colored flowers that are almost 2 inches in diameter. 2-year, 20 cts. each, $2 per doz.

Wichuraiana. MEMORIAL ROSE. The small, dark green leaves of this creeping Rose are bright and fresh well on into the winter. Its strong-growing shoots lie prone upon the ground, and make a desirable covering for rockeries and precipices. It is valued for trailing over barren and unsightly places and much used to keep steep banks from washing. Its very fragrant, single, waxy white flowers are borne profusely in June, and occasionally through the summer. 2-year, 20 cts. each, $2 per doz., $15 per 100.



ROSA MULTIFLORA
DELPHINIUM (See page 73)

CRIMSON RAMBLER ROSE
BOLTONIA (See page 73)

CLEMATIS PANICULATA AT GLENWOOD (See page 71)

Ornamental Vines

Climbing Vines are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. They mature quickly and tone down the stiff, bold angles of new buildings, and give shade and flowers over the porches and trellises. They are cheerful and cooling in climbing over bowers and summer-houses, and wild and natural in running over trees and stumps. In shaded places and beneath old trees where grass will not grow, they are often used as a ground cover. On steep slopes and banks they prevent erosion. They ramble over unsightly, neglected places and make them beautiful with fragrant and brilliant flowers. Vines are strong, robust growers that require little attention other than to occasionally train them.

ACTINIDIA arguta. A vigorous, rapid-growing Japanese vine, with glossy, leathery leaves and greenish white flowers, succeeded by greenish yellow fruits. Valued for covering arbors, trellises, walls, and to produce wild effects growing over other things.

	EACH	DOZ.
2-year	$0 30	$3 00
3-year	40	4 00

A. polygama. In most respects it is similar to the above. The leaves are lighter in color. The creamy white flowers, very fragrant.

Actinidia polygama, continued.

More recently introduced and quite as desirable.

	EACH	DOZ.
1-year	$0 30	$3 00
2-year	40	4 00

AKEBIA quinata. Hardy; quick grower, graceful and handsome; seldom attacked by insects. Grows best in sunny places, and is generally useful. Small, five-lobed, half evergreen leaves and fragrant, purplish brown flowers. 2-year, 25 cts. each, $2.50 per doz.

AMPELOPSIS quinquefolia. VIRGINIA CREEPER. The five-lobed leaves turn a bright red in autumn. A valuable climber. 1-year, 25 cts. each, $2.50 per doz,

var. Engelmanni. Very similar to above, clings closely to its support, and is a valuable vine for covering walls and trellises and for running over trees and ugly places. The five-fingered leaves are handsome at all times and very bright in the fall.

	EACH	DOZ.
1-year	$0 25	$2 50
2-year	40	4 00

var. Muralis. Resembles the foregoing, but is more slender and shorter jointed, with smaller leaves that are whitened beneath.

	EACH	DOZ.
1-year	$0 25	$2 50
2-year	40	4 00

A. tricolor. In shape the leaves are similar to those of a grape-vine, and are curiously margined and spotted with tints of pink, white and green. An odd vine that gives variety.

	EACH	DOZ.
1-year	$0 25	$2 50
2-year	40	4 00

A. Veitchii; syn., **tricuspidata.** JAPANESE, or BOSTON IVY. The tendrils hold tenaciously to any support and the roots find nourishment in the poorest soils. It is a quite hardy, rapid grower. The leaves are strung thickly and overlap one another in a mat of fresh, shining green that turns a brilliant red in autumn. It is the most popular Ivy for covering buildings and walls, and grows well in the smoky atmosphere of cities. See illustration of *A. Veitchii* covering wall, page 53. 2-year, 25c. each, $2.50 per doz.

ARISTOLOCHIA Sipho. DUTCHMAN'S PIPE. A strong, rapid-growing, tropical-looking vine with handsome light green leaves, 8 to 12 inches across. It will give a quick dense shade and is much used on arbors and trellises. The corolla of the brown flowers is shaped like the bowl of a pipe. 2-year, 40 cts. each, $4 per doz.

BIGNONIA. TRUMPET VINE. These are familiar, strong-growing vines, with deep, rich green foliage and large trumpet-shaped flowers in early summer. They are very desirable for covering summer-houses, training over arbors and to climb over trees, rocks and rustic bridges.

B. grandiflora. TRUMPET VINE. The orange-red flowers are larger and earlier than *B. radicans* and it is a more bushy grower.

	EACH	DOZ.
1-year	$0 25	$2 50
2-year	35	3 50

Bignonia radicans. SCARLET TRUMPET VINE. Our native species, with deep scarlet flowers. A tall grower.

	EACH	DOZ.
2-year	$0 25	$2 50
3-year	35	3 50

CELASTRUS scandens. BITTERSWEET. A native vine with good foliage; yellow flowers in June, and bright, ornamental orange and scarlet berries through the fall and winter. It is very hardy; grows in sunny or shaded places and is not surpassed as a vine for covering trelliswork, trees, rocks or walls. 2-year, 35 cts. each, $3 per doz.

Clematis

Vines that flower profusely and are in demand for covering porches, trellises and arbors and to climb over posts and fences. From a long list of varieties we have selected the following as the most desirable.

C. coccinea. Bell-shaped, coral-red flowers from June until frost. 25 cts. each, $2.50 per doz.

Duchess of Edinburgh. Pure white, double flowers. 40 cts. each, $4 per doz.

Gypsy Queen. Rich purple. 40 cts. each, $4 per doz

Henryi. Large, creamy white and handsome. 40 cts. each, $4 per doz.

C. Jackmani. Next to *C. paniculata.* This is the most popular variety, with rich, royal-purple flowers, 2 inches across, borne abundantly in June and occasionally afterward. 40 cts. each, $4 per doz.

Mme. Baron Villard. A strong grower, with large, light rose-colored flowers shaded with lilac. 40 cts. each, $4 per doz.

Mme. Edouard Andre. Deep, rich crimson, large flowers. 40 cts. each, $4 per doz.

Miss Bateman. White, with dark anthers. 40 cts. each, $4 per doz.

Ramona. Very large, deep sky-blue flowers. 40 cts. each, $4 per doz.

C. paniculata. A valuable introduction from Japan that differs from all the foregoing. It is a strong, luxuriant grower with light green foliage that is handsome in itself. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. We recommend it for planting anywhere around the house and for covering posts, fences, walls and stumps.

	EACH	DOZ.
2-year	$0 25	$2 50
3-year	40	4 00

Write for prices by the hundred and thousand

EUONYMUS radicans. CREEPING EUONYMUS. An evergreen species with small glossy leaves and low, trailing habit. It is valued for running over rocks, training to walls and as a ground cover. Also described among Evergreen Shrubs, page 20.

var. variegata. The plant is similar in habit to the above and is used for much the same purposes. The creamy white markings on the leaves are conspicuous and valued for color contrasts. See page 20.

FORSYTHIA suspensa. GOLDEN BELL. Sometimes used as a climber. See page 52.

HEDERA Helix. ENGLISH IVY. A familiar evergreen vine, with thick dark green leaves. It grows in almost any soil and is fond of shady places. The young and immature wood sometimes winterkills in locations much north of Philadelphia. Much used to cover buildings, rocks, trunks of trees, trelliswork, graves and as an evergreen carpet beneath trees in places where grass will not grow. 25 cts. each, $2.50 per doz.

IPOMŒA pandurata. HARDY MOONFLOWER. Dark green, heart-shaped leaves forming a dense mat of foliage. Satiny white flowers, blotched with purple. Grows rapidly. Often seen covering stumps and fences. 10 cts. each, $1 per doz.

JASMINUM. The two varieties described on page 55 are sometimes trained over arbors and trellises.

LONICERA. HONEYSUCKLE. Favorite vines of strong, rapid growth in any soil or location. They are well adapted for all trelliswork, for climbing over arbors and verandas, for training to posts and along fences. They are beautiful when allowed to ramble over trees and bushes in a wild and natural way. The vines take root where they touch the ground, and this habit suits them for creeping over dumps and unsightly places as well as for retaining purposes on slopes and banks. They withstand shade and make a ground cover in places where grass will not grow.

L. Japonica, var. brachypoda. Sometimes known as the EVERGREEN HONEYSUCKLE, because its leaves remain well into the winter. Flowers yellow and fragrant. 2-year, 25 cts. each, $2 per doz.

var. aurea reticulata. GOLDEN HONEYSUCKLE. The leaves, netted with golden yellow, are beautiful in themselves and are valuable for color contrasts with the other kinds. Fragrant cream-colored flowers. 1-yr., 25c. each, $2 per doz.

Lonicera Japonica, var. Chinensis. The leaves are reddish green, often with purplish veins beneath. It is darker than the other kinds, foliage is half evergreen and the buds are tinted with pink and open into very fragrant white and pink flowers. 2-year, 25 cts. each, $2 per doz.

var. Halliana. HALL'S HONEYSUCKLE. The most popular variety. Glossy, light green leaves; strong, vigorous, half-evergreen habit and a wealth of bloom in June that is succeeded by very fragrant flowers until frost. White and buff in color.

	EACH	DOZ.
2-year	$0 25	$2 50
3-year	35	3 50

L. sempervirens, var. fuchsioides; syn., **L. punicea.** SCARLET TRUMPET HONEYSUCKLE. Differs widely from the Japanese forms above and is brilliant in bloom with its clusters of tubular scarlet flowers that continue all summer. Bluish green leaves.

	EACH	DOZ.
2-year	$0 30	$3 00
3-year	40	4 00

LYCIUM Chinense. MATRIMONY VINE. Very hardy and grows anywhere. The slender, drooping branches are somewhat thorny and bear grayish green leaves. The small flowers, varying from pink to purple, are noticed from June to September and are then succeeded through the fall and winter by a profusion of bright scarlet and orange fruits. A good plant for trelliswork and bowers, it is desirable in neglected places and to creep over walls and rocks.

	EACH	DOZ.
2-year	$0 20	$2 00
3-year	30	3 00

PERIPLOCA Græca. SILK VINE. A rapid grower, with dark green, silky leaves. Small purple flowers in July. Valued for covering trees, stumps, etc.

	EACH	DOZ.
2-year	$0 25	$2 00
3-year	35	3 00

ROSES. Some of the most beautiful climbers are roses. For description and prices, see page 68.

VINCA minor. PERIWINKLE; BLUE, RUNNING, OR TRAILING MYRTLE. A low evergreen creeper that bears blue flowers in early spring and is common as a green carpet beneath the shade of trees, and as a vine for rockeries and a cover for graves. 1-yr., 10c. each, $1 per doz.

WISTARIAS. Strong-growing vines that wrap themselves tightly about any support, and are valued most for covering bowers, porches and training over tree trunks. In May they bear

Wistarias, continued

abundant dense drooping clusters of flowers similar in shape to those of a sweet pea, and occasionally a lighter crop follows in August. The standard forms make valuable bushes for lawn specimens.

W. Chinensis. CHINESE WISTARIA. The common variety, which flowers so profusely in May. Flowers pale blue; fragrant. It withstands the smoke of cities; grows anywhere.

	EACH	DOZ.
2-year	$0 35	$3 50
3-year	50	5 00

Wistaria Chinensis, var. alba. A white-flowering form of the preceding.

	EACH	DOZ.
2-year	$0 50	$5 00
4-year	1 00	10 00

W. magnifica. AMERICAN WISTARIA. Fragrant lilac flowers in dense medium-sized clusters.

	EACH	DOZ.
2-year	$0 35	$3 50
4-year	1 00	10 00

W. multijuga. LOOSE-CLUSTER WISTARIA. Large clusters of deep purple flowers, often 3 feet in length, borne at the close of May. 4-year, $1 each, $10 per doz.

Hardy Perennial Plants

There is an unprecedented demand for these old-fashioned hardy garden flowers, and we are giving increased attention to the raising of them. There is not a time during the whole flower season in which some hardy perennial is not in bloom, and when the wooded shrubs are almost bare of flowers, in July and August, these little plants make a fine display. They are not fastidious regarding the soil, and year after year they will reappear in the same place with increased strength and ready to flower more abundantly than before. They require scarcely any attention, and nothing is finer for borders along fences or walls and at the boundaries of the lawn. Planted at the front of shrubbery groups they give a brilliant display, and they are valuable in innumerable places that will suggest themselves. The selection we offer includes the most desirable varieties, but by no means all that we can supply, so that persons wanting sorts not catalogued here will do well by writing to us.

Except where otherwise noted, the price of these plants is: 15 cts. each, $1.50 per doz., $10 per 100

ACHILLEA. MILFOIL, or YARROW.

A. Ptarmica fl. pl. "The Pearl." 2 feet. All summer long it is covered with a profusion of small pure white double flowers.

A. Millefolium roseum. ROSY MILFOIL. All summer and on into fall there are heads of rosy red flowers on stems about 18 inches high. The foliage is cut deeply.

A. Eupatorium. FERN-LEAVED YARROW. From July to September it is brilliant with large yellow flowers. Delicately cut foliage.

ALTHEA rosea. The HOLLYHOCKS sometimes catalogued under this name are listed on page 74.

ANTHEMIS tinctoria. HARDY MARGUERITE. A bushy plant about 18 inches high, with a continuous show through the summer of golden yellow, daisy-like flowers.

AQUILEGIA chrysantha. COLUMBINE. Growing to about 18 inches to 3 feet. From May to August bright with fragrant golden yellow flowers.

BOLTONIA asteroides. FALSE CHAMOMILE. A strong-growing plant, 3 to 5 feet high, that is covered during the summer and early autumn with hundreds of small white flowers that are very attractive.

CAMPANULA pyramidalis. CHIMNEY BELLFLOWER. Conspicuous in September with spikes of crowded blue flowers, 4 to 5 feet high, and very desirable. 25 cts. each, $2.50 per doz.

CARYOPTERIS mastacanthus. BLUE SPIREA. A shrubby perennial about 2 feet high, that is bright in September with blue verbena-like flowers. 25 cts. each, $2.50 per doz.

COREOPSIS lanceolata. 2 to 3 feet high. Covered with a profusion of golden yellow bloom in June that continues until fall. It is one of the best perennials.

DELPHINIUM formosum. HARDY LARKSPUR. 3 to 4 feet high. A continual bloomer from June until frost. The familiar old-fashioned dark blue variety.

DIANTHUS barbatus. Sweet William. A small plant flowering from May to July, and growing 12 to 18 inches high. It is well known. The plants we offer are of assorted colors.

DICENTRA spectabilis. Bleeding Heart. Drooping racemes of light pink, heart-shaped flowers in May and June and bright foliage are the attractions of this old-time favorite.

EUPATORUM ageratoides. Thorough-Wort. A valuable plant for closing the season. Ornamented in September and October with soft heads of white flowers that are also valued for cutting. It grows 3 to 4 feet high.

FUNKIA. Day Lily or Plantain Lily.

F. cœrulea. Blue flowers and handsome broad green leaves that are an attraction even when the plant is not in flower.

F. subcordata grandiflora. During September the large, fragrant clusters of pure white flowers have an attractive setting above the deep green leaves.

F., Thos. Hogg. Broad, glaucous foliage with white border.

A BLOCK OF IRIS AT GLENWOOD NURSERIES

GAILLARDIA grandiflora. Blanket Flower. We offer no more desirable herbaceous plant than this one, which begins to flower in June and continues unintermittingly until frost. It grows 2 to 3 feet in height and thrives almost anywhere. The center of the flower is a dark, reddish brown, while the petals are differently marked with rings of scarlet-crimson, orange and vermilion.

HELENIUM autumnale superbum. Sneeze Wort. During late summer and early fall this strong plant, 4 to 6 feet in height, is aglow with golden yellow flowers.

HEMEROCALLIS flava. Yellow Day Lily. A plant 3 feet in height that bears fragrant yellow flowers abundantly during July and August.

HOLLYHOCKS. Hollyhocks are so well known that they do not require describing. Their value in perennial borders and for interspersing among shrubbery is realized. We offer the double fringed Allegheny Hollyhocks in assorted colors. 20 cts. each, $2 per doz.

HIBISCUS Moscheutos, var. Crimson Eye. A woody plant often 5 feet in height. It is fond of moist places, although it grows well in drier soils. In September it bears large, single flowers with crimson centers.

HYPERICUM Moserianum. St. John's Wort. Seldom gets over 18 inches high; has glossy, dark green foliage that sets the golden yellow flowers off beautifully. The bloom is 1 to 1½ inches in diameter and continues throughout the season.

Iris

Sometimes known as "Flags" and often spoken of as "Fleur-de-Lis." Popular herbaceous plants that come up year after year, and each season stronger and more floriferous than the previous. They grow in clumps and do well in almost any soil; are desirable in borders and shrubbery and are beautiful in beds and groups by them-

IRIS, continued

selves, and for planting along water edges. The flowers embrace a variety of colors and innumerable tints of blue, yellow and white. Those of the German forms are not as delicately colored, nor are they as large as the flowers of the Japanese varieties. They bloom the latter part of May and are through flowering by the last of June, when the Japanese Iris are brilliant with their wealth of flowers. Both are needed to give a continuous effect from May to July.

Iris Germanica. GERMAN IRIS.

Adonis. The earliest to flower. Royal purple.

Albino. Pale lavender, tinged with purple.

Britannica. Blush.

Queen of Gypsies. Upper petals chocolate-brown, lower ones bluish yellow.

Any of the above, 15 cts. each, $1.50 per doz.

If the selection is left to us, we have a large number of varieties to choose from and can give a better assortment of colors. Plants of our selection, 10c. each, $1 per doz., $7 per 100.

Iris Kæmpferi. JAPAN IRIS.

Apollo. White, with pink center.

Doshiska. Bluish white ; dark veined.

Gloriosa. Reddish purple, yellow center.

Meiran. White, striped with blue.

Purple Emperor. Dark purple.

Sultana. Blue petals, splashed with white and light center.

Tokyo. Blue, white center.

White Empress. White, with blue veins.

Any of the above, 20 cts. each, $2 per doz.

Our stock includes, besides the above, a number of varieties from which we can select a more varied assortment at a lower price. Varieties of our selection, 15 cts. each, $1.50 per doz., $10 per 100.

LOBELIA cardinalis. CARDINAL FLOWER. From August to September. The bright scarlet flowers are among the most brilliant in the hardy border, growing 2 to 2½ feet high.

LYCHNIS, var. viscaria splendens. RAGGED ROBIN. Popular and well-known plants with dark green foliage, similar to that of a hardy pink. Spikes of small, double red flowers in June.

LYTHRUM roseum superbum. ROSE, LOOSESTRIFE. Valued in all perennial borders and moist soils. Grows about 3 feet high, and from July to September it is bright with spikes of rose-colored flowers.

MYOSOTIS palustris semperflorens. FORGET-ME-NOT. Low grower, bearing a profusion of small pale blue flowers all summer. A general favorite. 10 cts. each, $1 per doz.

Peonies

These old-time favorites are again popular and are being planted more than ever before. Their great flowers are perfectly formed and are often as fragrant and as delicately colored as a rose. They grow best in a rich, deep soil and sunny position, but will thrive in partially shaded places. They are admired in all herbaceous borders, for planting among shrubbery, and are valuable in beds or groups by themselves. Grow about 2 feet high and flower in May and June. We offer a carefully selected assortment of the best varieties, which include some of the newer and handsomer introductions.

Agida. Dark red, rich and glowing.

Baron Rothschild. Bright pink.

Duke of Wellington. White, with creamy center.

60 cts. each, $7 per doz.

Festiva maxima. The largest and finest white variety, with small scarlet flecks in the center of the flower. 75 cts. each, $7.50 per doz.

Giganthea. Fine early pink. 60 cts. each, $7 per doz.

Golden Harvest. The nearest approach to yellow. 40 cts. each, $4.50 per doz.

Grandiflora rubra. Extra large, bright red. 50 cts. each, $3 per doz.

Hericartiana. Soft rose, with light center.

Humei alba. Guards flesh, tipped white, bluish center.

Marie Lemoine. Delicate flesh, blending to white.

$1 each, $10 per doz.

Mt. Blanc. White guard petals, with creamy yellow center. 60 cts. each, $6 per doz.

Ne Plus Ultra. Large, well formed, clear flesh pink. 40 cts. each, $4.50 per doz.

Officinalis rubra. Early, brilliant glowing deep crimson. 30 cts. each, $3 per doz.

Psyche. Bright rose, fine full flower.

Prolifica tricolor. White guard petals, yellow center.

Pottsii. Deep rose, late-flowering.

Queen Victoria. Late ; white, creamy center.

Richardson's rubra superba. Deep crimson, very fragrant.

75 cts. each, $8 per doz.

PEONIES, continued.

Rosea superba. Full rosy pink, and extra large. 50 cts. each, $5 per doz.

Victoria tricolor. Fragrant; pink, rose and salmon mixed.

Roots of the preceding, except where otherwise noted, 25 cts. each, $2.50 per doz.

The demand for Peonies is so great that our assortment may be broken before the season closes, and it will be well in ordering to name a substitute, so that delays will not occur in filling orders. If the assortment is left to us we will select brilliant colors and strong plants.

PLATYCODON. BALLOON-FLOWER, or CHINESE BELL-FLOWER.

Grandiflora. Resembles the Campanula in appearance, and blooms continuously from June until October. Deep blue, bell-shaped flowers. Grows about 1½ to 2 feet high.

Japonica flore pleno. Double flowers, otherwise same as above.

Phlox

Familiar plants in old dooryards, and valuable in all hardy borders. They grow in any soil, and range in height from 1 to 4 feet, and flower continuously from June until October. The flowers are borne in clusters at the top of each shoot. There is a wide range of color among them and we offer an assortment that includes the most desirable shades.

YUCCA FILAMENTOSA

Athis. Deep pink.

B. Compte. Dark crimson, almost purple.

Bacchante. Crimson, shading lighter toward the center.

Boumof. Scarlet.

Crepuscle. Pale lavender, with light halo in center.

Eclaireur. Purplish crimson.

Eugene Danzenvillier. Lilac, shaded white, white center.

Fantome. Light violet.

Japonias. Light salmon-pink.

Lothair. Salmon-red, carmine eye.

Ornament. Rosy magenta, crimson eye.

Prof. Schlieman. Salmon-rose, carmine eye.

Richard Wallace. White, with pink center.

Thebaide. Salmon-red, crimson eye; dwarf.

The Pearl. Pure white.

15 cts. each, $1.50 per doz.

PYRETHRUM hybridum flore pleno. Flowers in June, and varies in color from white to shades of pink, red and purple. Feathery-like foliage.

RUDBECKIA. GOLDEN GLOW. From July to September the tall swaying stems are aglow with golden yellow, dahlia-like flowers. Strong, robust grower. 5 to 6 feet. 10 cts. each, $1 per doz.

STOKESIA Cyanea. Familiarly known as the Cornflower Aster. Grows 18 to 24 inches high, and from July until October it bears lavender-like flowers, often 4 to 5 inches across.

TRITONIA Pfitzerii. RED HOT POKER, or EVERBLOOMING FLAME FLOWER. Grows 3 to 4 feet high and sends up stiff stems crowned with spikes of orange-scarlet flowers. Odd.

YUCCA filamentosa. ADAM'S NEEDLE. Scarcely a herbaceous plant, but frequently used with them. Handsome, long narrow leaves out of which flower-stalks spring in June and July, and are laden with fragrant, creamy white flowers. Sometimes planted in shrubberies and in clumps by themselves. 25 cts. each, $2.50 per doz.

Ornamental Grasses

These are among the finest of all hardy plants for bedding. All are exceedingly graceful and attractive with variegated foliage, long, swaying stems and plumy flower-heads. They are strong, hardy growers and valued in beds and groups by themselves for planting in moist places and along water-edges; in connection with other shrubs or as a background to herbaceous borders.

ARUNDO Donax. Great Reed. A tall, bamboo-like plant, with long, green, narrow leaves, well suited for planting along water-edges and for the borders of the lawn.

var. variegata. A beautiful variegated form; it is valued almost anywhere; has creamy white and green leaves.

ERIANTHUS Ravennæ. Plume Grass, or Hardy Pampas. Grows 9 to 12 feet high, and frequently sends up 30 to 50 feathery flower-plumes.

EULALIA gracillima univittata. Japan Rush. A beautiful, tall swaying grass, with narrow green leaves and a conspicuous silvery white midrib.

E. Japonica variegata. The long, narrow leaves are striped with a band of white. A graceful and beautiful plant.

E. Japonica zebrina. It is just as useful and very similar to the above, excepting that stripes of yellow run across the narrow leaf-blades.

All of our Grasses are 25 cts. each, $2.50 per doz.

EULALIA JAPONICA STRIATA

SPECIALTIES FOR 1905

GOLDEN RETINOSPORA (*Retinospora plumosa aurea*). See page 15.

HEMLOCK SPRUCE (*Tsuga Canadensis*). See page 19.

AZALEA AMŒNA. See page 22.

CHINESE CATALPA (*Catalpa Bungei*). See page 31.

PIN OAK (*Quercus palustris*). See page 41.

GREAT-PANICLED HYDRANGEA (*Hydrangea paniculata grandiflora*). See page 54.

Hardy Fruits and Nuts

WE CANNOT FURNISH ANY VARIETIES OR SIZES NOT INCLUDED IN THIS LIST

In the following pages we offer the varieties found most generally satisfactory over a wide range of country, together with the more promising new sorts. As these are now pretty well known, we omit the descriptions.

APPLES

5 to 6 ft., ¾ inch in cal., 35 cts. each, $3.50 per doz.

Early Varieties.—Autumn Strawberry, Cornell's Fancy, Early Harvest, Fall Pippin, Gravenstein, Grimes' Golden, Maiden's Blush, Red Astrachan, Wealthy, Smokehouse, Yellow Transparent.

Winter Varieties.—American Golden Russet or Sheepnose, Baldwin, Ben Davis (New York Pippin), Bellefleur, Bismarck, Fallawater, King of Tompkins County, Northern Spy, Ohio Nonpareil, Talman's Sweet, York Imperial, Winesap.

Crab Apples.—Very ornamental when in fruit or flower, and excellent for preserving—Gen. Grant, Hyslop, Transcendent, Whitney. 50 cts. each, $5 per doz.

APRICOTS

40 cts. each, $4 per doz.

Breda, Harris Hardy, Moorpark.
RUSSIAN VARIETIES.—Alexis, Nicholas.

PEARS

First-class trees, 5 to 6 feet, ¾ to ⅞ in. cal., 75 cts. each, $8 per doz.

Pears can be grown in almost any good soil, with the same treatment as apples.

STANDARD PEARS

We offer the following:

Summer Varieties.—Bartlett, Buffum, Clapp's Favorite, Doyenne d'Ete, Osband's Summer, Tyson, Wilder.

Autumn Varieties.—Belle Lucrative, Beurre d'Anjou, Flemish Beauty, Kieffer, Seckel, Sheldon.

Winter Varieties.—Duchesse de Bordeaux, Lawrence.

DWARF PEARS

Require thorough cultivation to grow them to perfection, but are desirable in small yards. Plant deep enough to cover the junction of the Pear and quince 2 or 3 inches. 40 cts. each, $4 per doz. Duchesse d'Angouleme, Louise Bonne de Jersey, Bartlett, Beurre d'Anjou, Clapp's Favorite, Lawrence, Seckel.

Dwarf Pears, continued

PLUMS

First-class trees, 75 cts. each, $8 per doz.

Bradshaw, Coe's Golden Drop, German Prune, Imperial Gage, Lombard, Reine Claude, Yellow Gage.

Japan Plums. We offer the best varieties. Abundance and Burbank, at 60 cts. each, $6 per doz.

PEACHES

Extra heavy, 5 to 6 feet, 25 cts. each, $2.50 per doz., $15 per 100

Alexander, Chair's Choice, Champion, Crawford's Early, Crawford's Late, Crosby, Elberta, Globe, Mountain Rose, Oldmixon Free, Reeves' Favorite, Stephen's Rareripe, Stump the World.

NECTARINES

40 cts. each, $4 per doz.

Boston, Downton, Hardwick, New White.

QUINCES

Champion, Meech's Prolific, Orange or Apple. 40 cts. each, $4 per doz.

CHERRIES

First-class trees, ¾ to 1 in., 75c. each, $8 per doz.

Black Eagle, Black Tartarian, Coe's Transparent, Downer's Late Red, Early Richmond, Elton, English Morello, Governor Wood, May Duke, Montmorency, Napoleon Bigarreau, Reine Hortense, Rockport Bigarreau, Yellow Spanish.

MULBERRIES

For prices and descriptions, see page 36.

PERSIMMONS

American (*Diospyros Virginiana*). 4 to 5 feet, 40 cts. each, $4 per doz.

NUTS

CHESTNUTS

American Sweet Seedlings. 2 years, 2 to 3 feet, 40 cts. each ; 3 to 5 feet, 50 cts. each.

Dwarf (Chinquapin). 2 to 3 feet, 40 cts. each.

Japan Giant. 4 to 6 feet, $2 each.

Numbo. 1-year grafts, 1½ to 2½ feet, $1.25 each ; seedlings, 2 years, 3 to 4 feet, 50c. each.

Paragon. 1-year grafts, 1 to 2½ feet, $1.25 each ; 2-year grafts, 3 to 4 feet, $1.75 each.

WALNUTS

Black. 4 to 5 feet, 60c. each; 3 feet, 35c. each.

English. 2 to 3 feet, 30 cts. each

Japan Sieboldii and **Max cordiformis.** 4 to 5 feet, 40 cts. each ; 5 to 6 feet, 75 cts. each.

White (Butternut). 10 to 12 feet, $1 each ; 3 to 4 feet, 40 cts. each.

OTHER CHOICE NUTS

Almonds, Hardshell and **Softshell.** 3 to 4 feet, 40 cts. each, $4 per doz.

Filbert, English. 3 to 4 feet, 35 cts. each, $3 per doz. Best named varieties, 2 to 3 feet, 40 cts. each, $4 per doz.

Pecan, Paper Shell. 3 to 4 feet, 50 cts. each, $5 per doz.

Shellbark Hictory, Thin Shell. 4 to 6 feet, 50 cts. each, $5 per doz.

GOOSEBERRIES

Downing. 2 years, $2 per doz., $10 per 100.

Industry. $2.50 per doz., $15 per 100.

Josslyn, or **Red Jacket.** 2 years, $2.50 per doz., $15 per 100.

CURRANTS

Black Naples, Cherry, La Versailles, Red Dutch, White Grape. $1.50 per doz., $10 per 100.

Fay's Prolific, North Star. $1.50 per doz. $10 per 100.

Pomona. $2 per doz., $15 per 100.

RASPBERRIES

.$1 per doz., $4 per 100

Red and Yellow Varieties.—Cuthbert, Golden Queen, Marlboro.

Cap Variety.—Gregg.

BLACKBERRIES

Except where otherwise quoted, $1 per doz., $4 per 100

Our Blackberries are extra-selected stock, grown from root-cuttings.

Erie, Kittatinny, Wilson, Jr.

Rathbun. $1.25 per doz., $6 per 100.

STRAWBERRIES

On account of the perishable condition of Strawberry plants, we advise that they should be shipped by express.

We can supply the following list during April and May at $2 per 100, $5 per 1,000

Our Strawberry plants quoted herein are put up especially for the retail trade, and are large and finely rooted.

Aroma, Bubach, Brandywine, Crescent, Early Hathaway, Excelsior, Gandy, Gladstone, Haverland, Marshall, Michel's Early, Nick Ohmer, Rio, Star, Sharpless, Warfield.

GRAPES

Unless otherwise quoted, 2-year grade, very fine. 40 cts. each, $4 per doz.

Black Varieties.—Champion or Talman, Concord, Hartford Prolific, Moore's Early, Telegraph, Wilder, Worden, Campbell's Early, Eaton, Rockwood.

Red Varieties—Agawam, Brighton, Catawba, Diana, Iona, Jefferson, Lindley, Salem, Ulster Prolific, Vergennes, Wyoming Red.

White Varieties.—Duchess, Lady Washington, Lady, Martha, Niagara, Moore's Diamond, Pocklington.

Vegetable Roots and Plants

RHUBARB, or PIE PLANT. Linnæus. Strong roots, 25 cts. each, $2 per doz., $12 per 100.

ASPARAGUS. 2 years, $1 per 100, $5 per 1,000. Conover's Colossal, Barr's Mammoth, Columbian Mammoth White, Donald's Elmira, Dreer's Eclipse Palmetto.

SAGE. Holt's Mammoth. $1 per doz., $3 per 100.

HORSE-RADISH SETS. 25 cts. per doz., $1 per 100, $5 per 1,000.

HOP VINES. Golden Cluster. 15 cts. each, $1.50 per doz.

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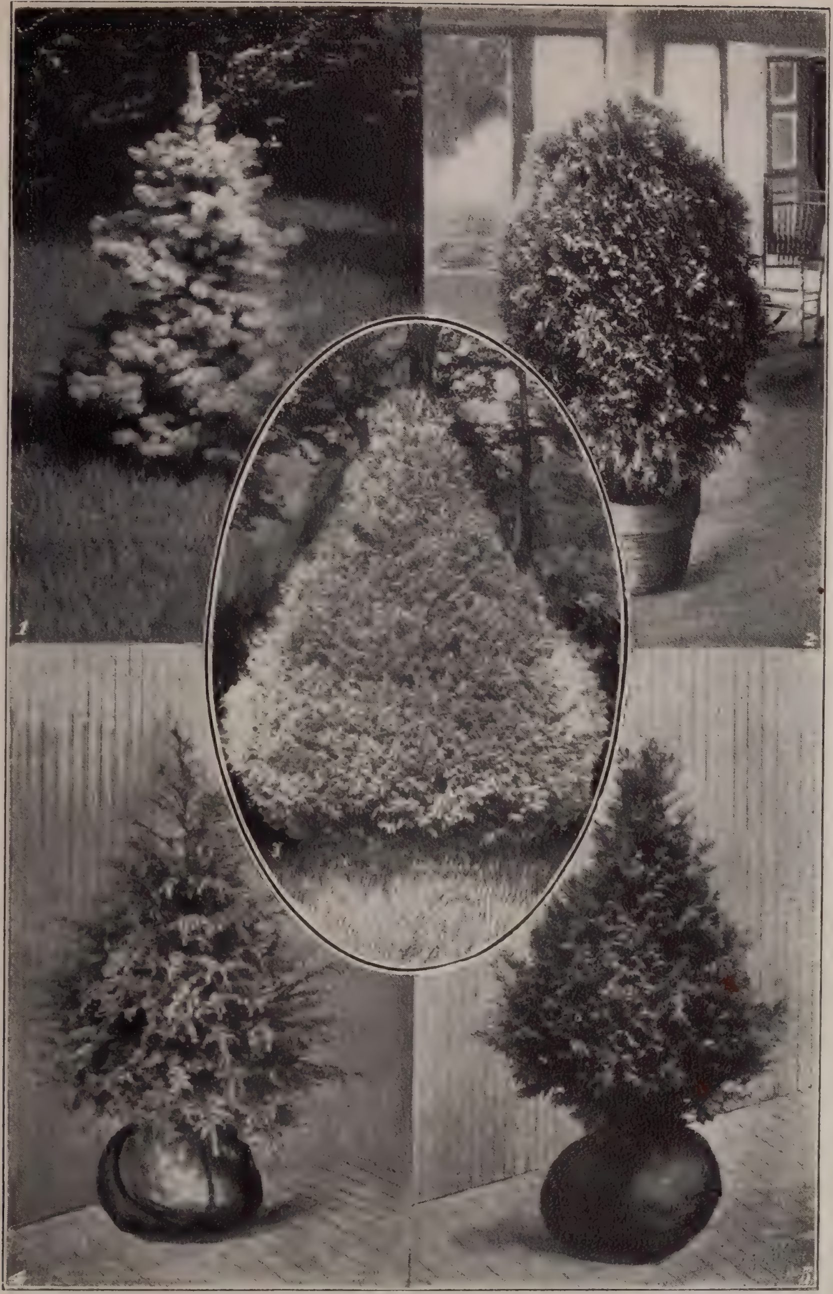

1. A Blue Spruce at Glenwood. 2. The compact Arborvitae is useful in vases. 3. One of our Golden Plume-like Retinosporas. 4 and 5. Hemlock Spruce and Plume-like Retinospora, illustrating method of shipping Evergreens with a ball of earth, wrapped in burlap, about their roots. Handled in this way, loss seldom occurs.

THE WM. H. MOON CO.
GLENWOOD NURSERIES
MORRISVILLE
PENNSYLVANIA

Moon's Trees

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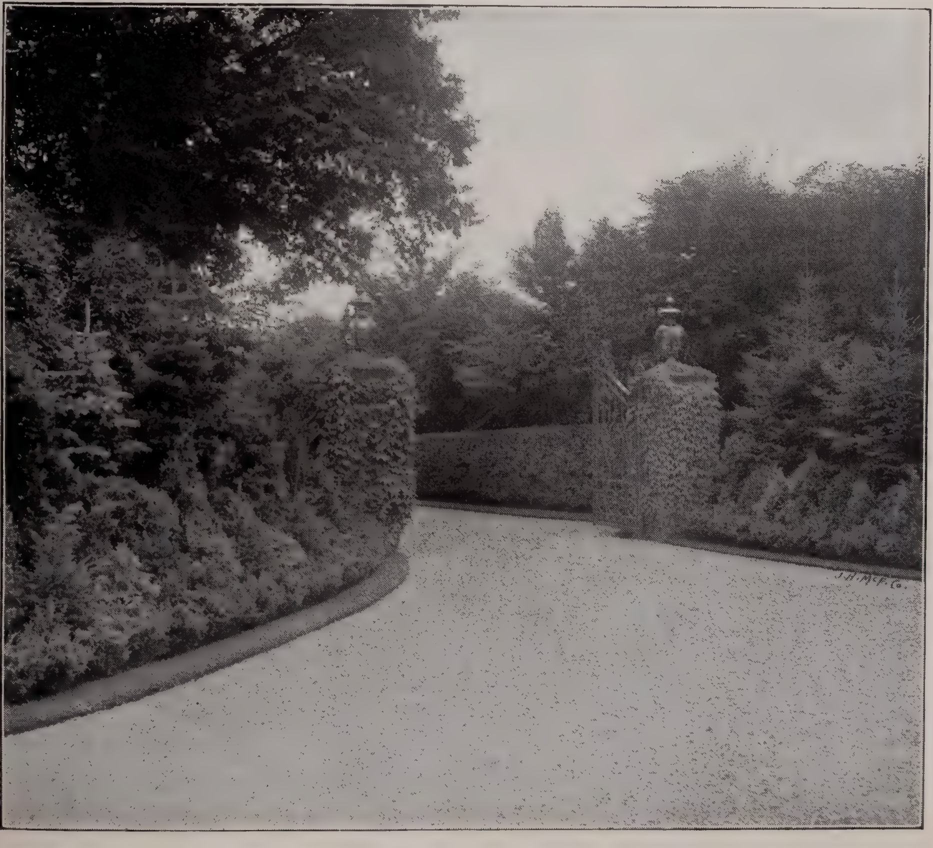
1906

HORTICULTURAL ART BOOK

THE WM. H. MOON CO.
GLENWOOD NURSERIES
MORRISVILLE, PENNSYLVANIA
LANDSCAPE DEPARTMENT, PHILADELPHIA OFFICE
616 STEPHEN GIRARD BUILDING

The Wm. H. Moon Company
Glenwood Nurseries
Morrisville ❧ Pennsylvania

PHILADELPHIA OFFICE AND LANDSCAPE DEPARTMENT
616 STEPHEN GIRARD BUILDING, 21 SOUTH TWELFTH STREET



FORMAL GARDEN AND EVERGREEN PLANTING DESIGNED AND EXECUTED BY US

Successful Landscape Planting

It is often more satisfactory and more economical to have an expert advise you how to adorn your grounds in the most artistic and effective way. Let one of our experts who is experienced in the designing of lawns, and acquainted with the habits of different plants, help you in arranging yours. You will get better results from the money expended, and will be saved the expense and disappointment of planting things unfitted for your location and soil.

Our Landscape Department designs plantings for places of any size. We draw plans showing the best location of drives and walks, and the most effective arrangement of trees and shrubs. We prepare the necessary specifications, telling the names and the number of plants required to produce the desired results. Our charges for this work are moderate.

Let us make your landscape designs. We are not restricted in territory. Our operations are confined to no particular field or place.

We solicit correspondence from all who contemplate improving and beautifying their grounds, whether it be the lawn of the modest home or on the larger estates.

GROUP OF EVERGREENS AT GLENWOOD

THE WM. H. MOON CO.
Landscape Department and Philadelphia Office
21 South 12th Street, Philadelphia, Pa.

The Horticultural Art Book

Is an annual publication presented with the compliments of The Wm. H. Moon Company to customers and other interested horticulturists. It is not only a catalogue of the productions of the

Glenwood Nurseries

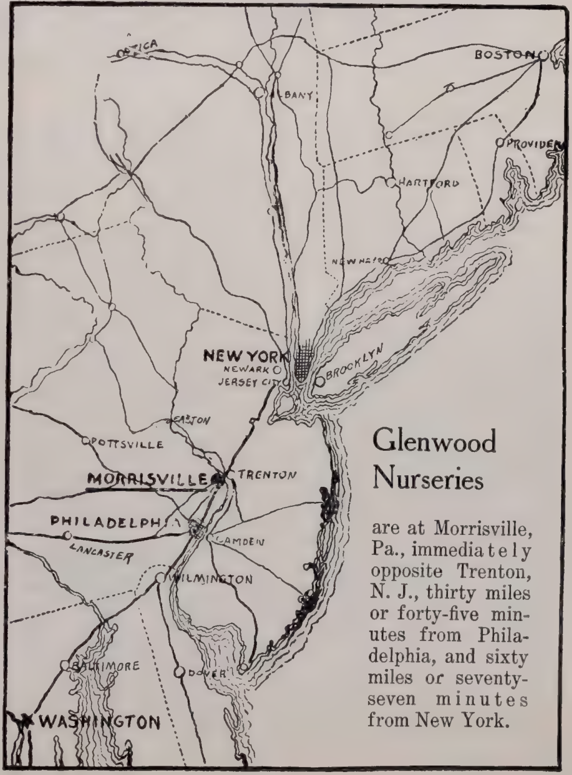
containing varieties, sizes and prices, but it is an art book, illustrating individual trees and shrubs, as well as showing the results obtainable with our products, when placed under the skill of our landscape experts. It is also a handbook containing descriptions of the character of growth, color of flower or fruit and adaptability to location or effect to be produced. It contains notes regarding hardiness of certain varieties and is intended to combine in a condensed form all the information regarding hardy trees, shrubs, vines and other items listed herein, which will enable the seeker after knowledge of this character to intelligently select such varieties as will produce desired results.

Nevertheless, we do not recommend everything in this book as being the very best or most desirable for everybody. Some varieties are best adapted to certain localities, others are singular or grotesque specimens of plant growth, admired by many and wanted by only a few. But it is our business to cater to all tastes, and, therefore, it is necessary to enumerate many things which are valued especially because rare or odd.

The collection, propagation and growth of such a stock has thus required many years of careful, persistent research and toil; for we have striven for superiority of quality and genuineness of variety in all branches of our trade, and we now invite your inspection of our nursery of upward of three hundred acres on any day except the Sabbath. A much better idea of our stock can be obtained in this way than from the most explicit descriptive catalogue.

The Glenwood Nurseries were established thirty-two years ago, and have so increased their plant and production as to now rank as the leading ornamental nursery in the United States, carrying many lines of choice ornamentals, especially evergreens, and the largest assortment of American-grown acclimated specimen trees. The adaptability of our land insures a vigorous, healthy foliage and fine fibrous root system.

The map shows the central location of the Glenwood Nurseries, near Morrisville, Bucks County, Pa., on the line of the Pennsylvania railroad. They are about one mile from Trenton, N. J., thirty miles from Philadelphia, and sixty miles from New York, and are accessible by either the Pennsylvania railroad (New York Division) or the Bound Brook route to Trenton, N. J., where carriages can always be obtained at the depot. The New Jersey and Pennsylvania Traction Company's trolleys pass our Nurseries. They leave Warren and Hanover streets, Trenton, N. J., and all cars for Yardley, Pa., pass our Nurseries about fifteen minutes after leaving Trenton.



Glenwood Nurseries

are at Morrisville, Pa., immediately opposite Trenton, N. J., thirty miles or forty-five minutes from Philadelphia, and sixty miles or seventy-seven minutes from New York.

BUSINESS TERMS

If our prices on any article may appear higher than those of some of our competitors, be assured that they are only enough higher to compensate for the superiority in quality that we expect to give every purchaser. Life is too short to squander in nursing sickly trees or worthless varieties.

Our Terms are net cash or satisfactory reference. Orders from unknown parties, whose financial rating is not recorded in Dun or Bradstreet, must be accompanied by reference or a Draft on New York or Philadelphia, or Registered Letter or Money Order on Morrisville, Pa.

Please Write Orders on a separate sheet, apart from the body of the letter; please also give name and address distinctly.

Packing and Shipping. No charge is made for packing or for delivery to freight depots or express offices in Trenton, N. J. Plain and explicit shipping directions should be given with every order, naming mode and route for forwarding; otherwise we will use our own judgment, but, upon delivery to railroad, steamboat or express companies, our responsibility ceases.

Errors. In the press of business, errors may sometimes occur, of which we desire to be informed at once, that we may make proper amends, as we wish to render full satisfaction to all favoring us with their custom.

A Certificate of Inspection as to healthfulness and freedom from disease accompanies every shipment of our stock.

Our Philadelphia Office is at 616 Stephen Girard Building, 21 South Twelfth street, where any information in regard to our nursery stock may be obtained by all in that vicinity, and where all who wish to consult us in regard to landscape work should apply.

Address all correspondence to

James M. Moon, *President*
Henry W. Comfort, *Vice-President*
Edward C. Williamson
} *Directors*
Wm. H. Moon, *Sec., Treas. and Gen'l Manager*
Henry T. Moon, *Assistant Manager*

THE WM. H. MOON CO.,
MORRISVILLE, PA., or PHILADELPHIA, PA.

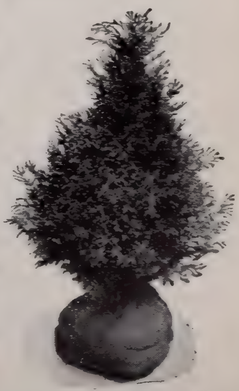
EFFECTIVE PLANTING OF HEMLOCKS IN THE FOREST

GROUP OF HEMLOCKS (See page 15)

Coniferous Evergreens

EVERGREENS are our great specialty. To produce the finest in the United States has been our aim for over a quarter-century. The successful transplanting and handsome growth of "Moon's Evergreens" have become proverbial, and the ever-increasing demand is reward for the past and incentive to future efforts. The soil of the Glenwood Nurseries is especially adapted to the growth of Evergreens, insuring fine, fibrous roots. Frequent root-pruning in midsummer and early autumn also contributes largely to their success when transplanted, and our method of shipping specimen trees, with balls of earth and burlap covering their roots, practically insures fine growth when planted again. Evergreens may be planted in spring, or with equal success later, in August and September. They cannot be valued by height alone; the shearings frequently given them are to reduce their height and make them grow into beautiful symmetrical specimens. Spindling odds and ends might measure more than our well-pruned, bushy, symmetrical young trees, and yet not be worth the planting.

This fact makes it very difficult to describe Evergreens fully, and accounts for difference in price where but slight difference in height occurs. At Glenwood we have many specimen Evergreens, whose beauty must be seen to be fully appreciated, and we cannot too strongly emphasize the fact that buyers should, when at all possible, visit our nurseries to inspect the splendid stock we offer. The central location of the Glenwood Nurseries, as shown by the map on page 3, is thus an advantage that is yearly more realized.



Evergreen dug with ball of earth, and ready for packing

MOON'S TREES

Besides their recognized value for specimen trees, massing, shelter-belts, screens, hedges, etc., the tall Evergreens form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver blue growths of smaller Evergreens.

With Evergreens of moderate growth, beautiful effects are produced by planting close together in beds, varieties that contrast finely. For such beds of permanent color, the Retinosporas, Arborvitæs, Blue Spruce, etc., are useful. Hotels and private homes also use them for interior decorations. The different forms of Arborvitæ, Retinospora, Spruce, Pine and Juniper are preferred for this purpose. The contrasting colors of green, silvery blue and golden foliage give a gay and beautiful appearance to these combinations, whether in window-boxes or in more extensive outdoor plantings of beds or borders. There is an increasing appreciation of and demand for these evergreen decorations.

Species marked (L) usually attain at maturity a height of 60 feet. (M) signifies from 30 to 60 feet. (S) from 10 to 30 feet. (D) 4 to 10 feet and (VD) below 4 feet.

Abies · The Firs

Mostly quick-growing, hardy evergreens that are useful in producing natural and wooded effects as well as in the more artificial decoration of parks and lawns. They mature rapidly, and at thirty or forty years of age begin to decline. For this reason they are invaluable for planting in connection with slower-growing, longer-lived trees; because they have given the immediate effect, and are ready to give place to the permanent trees that have matured more slowly. The soft, deep green needles of most varieties are fragrant with balsamic odors. Much used for grouping, specimens, windbreaks and hedging.

Abies Apollinis. (M) Olive-green needles with a silvery under surface. Shapely tree of good habits.

5 to 7 feet	$8 to $15 00

A. balsamea. BALSAM FIR. (M) An ornamental native of our forests, that is very hardy; has dark green needles of pleasant fragrance, grows rapidly when young and does well in moist soils.

18 to 24 inches	$0 50
2½ to 3 feet	75
3 to 4 feet. Symmetrical and well formed	1 50

A. Canadensis. HEMLOCK SPRUCE. (See *Tsuga Canadensis*, page 15.)

A. Cephalonica. CEPHALONIAN FIR. (M) A broad, pyramidal variety of European origin. Foliage a beautiful dark green. Makes handsome specimens.

1½ to 2 feet	$2 00

A. Cilicica. (L) A beautiful tree with narrow, flat leaves, fine dark green above and silvery white beneath.

1½ to 2 feet	$1 50

A. concolor. WHITE FIR. (L) An exceedingly hardy tree from the western states. Grows rapidly and forms magnificent specimens. Pale, glaucous green needles that are nearly as effective as the popular Blue Spruce.

3 to 4 feet	$4 00

A. excelsa. NORWAY SPRUCE. (See *Picea excelsa*, page 9.)

A. Fraseri. DOUBLE BALSAM FIR (L) Similar to the well-known Balsam Fir, but of finer habit, with darker foliage and of longer life. A cheap, quick-growing, desirable evergreen.

1½ to 2 feet	$0 75
3 to 4 feet	1 50
4 to 5 ft., symmetrical well-formed specimens	2 50

A. nobilis, var. glauca. NOBLE SILVER FIR. (L) A beautiful conifer whose foliage is a silvery blue. It is particularly handsome in the spring.

1½ to 2 feet	$2 00

A. Nordmanniana. NORDMANN'S FIR. (L) Thick, dense tree of beautiful proportions. The needles are wide, dark green and lustrous, with a silvery under surface that sparkles in the sun. This is one of the prettiest and best evergreens that we offer. It sometimes winter-kills in the New England States; but is handsome as a specimen and for grouping.

3 to 4 feet	$5 00
4 to 5 feet	7 00
5 to 6 feet	12 00
5 to 7 feet, selected specimens	15 00

A. pectinata. EUROPEAN SILVER FIR. (L) A popular evergreen of rapid growth and upright habit. It is valued for many purposes and admired for the glossy dark green needles that are silvery white beneath.

2½ to 3 feet	$0 75
3 to 4 feet	1 50
6 to 7 feet	3 50

A. Veitchii. (L) Slender pubescent branches covered with leaves of a beautiful dark green above and silvery white beneath. Very hardy in our northern states.

2½ to 3 feet	$3 00

PLANTING OF CONIFERS AS A SCREEN IN FRONT OF STABLE

Biotas, or Chinese Arborvitæs

These Arborvitæs, introduced from the orient, have proven to be strong growers and handsome specimens. North of New York City they should be planted in sheltered places.

Biota Orientalis. CHINESE ARBORVITÆ. (S) Deep green, soft feathery foliage and pyramidal habit.
2 to 3 feet $0 50

var. aurea. GOLDEN CHINESE ARBOVITÆ. (D) A dense compact evergreen that is yellowish green in the spring and a bright green later in the season. Effective in all evergreen groups.
2½ to 3 feet $1 50

var. elegantissima. ROLLINSON'S GOLDEN ARBORVITÆ. (S) Most admired of all Biotas. Of medium, upright growth. In summer the young foliage is a brilliant golden yellow, slowly turning as the season advances, until in winter it is a deep bronze, studded with golden tips in places that catch the sun. Especially useful for color contrasts.
4½ to 5½ feet, extra quality $4 00

var. semper aurescens. EVER-GOLDEN ARBORVITÆ. (D) A very compact, low-growing form, with bright golden foliage in summer that changes to a bronze color in winter. Also one of the most brilliant golden evergreens in spring.
2 to 2½ feet $2 50

Cedrus · The Cedars

These are the true Cedars. They are not entirely hardy north of Philadelphia, except in sheltered positions. They grow into beautiful trees. On lawns and public grounds they are very ornamental, and, where possible, we recommend their more general use.

Cedrus Atlantica, var. glauca. MT. ATLAS SILVER CEDAR. (M) A rare pyramidal tree with open branches and light bluish foliage. Attractive.
3 to 3½ feet $2 50

C. Deodara. DEODAR, or INDIAN CEDAR. (M) The branches are graceful and drooping, with a silvery light blue foliage. A fine specimen tree.
2 to 3 feet $2 50

Cupressus · Cypress

Graceful conifers of pyramidal habit and vigorous growth, with dense, elegant foliage. They grow well in most soils and form beautiful specimens, but they require protection north of Philadelphia.

Cupressus Lawsoniana. LAWSON'S CYPRESS. (L) Drooping branches; soft, dark green foliage.
2½ to 3 feet $2 00

Cypressus Lawsoniana, var. versicolor. Branches beautifully tipped with variegated foliage.
2½ to 3 feet $2 50

Juniperus · The Junipers and Cedars

A group remarkable for the varied forms it embraces. Trees of medium heights down to the smallest dwarfs are included here, while different green, yellow and silvery hues characterize the foliage. Junipers possess remarkable vigor, and thrive in bleak, barren situations; in poor, stony soils; in low, damp ground; at the seashore, or almost anywhere. The columnar forms are valued for formal effects, or to break the monotonous outline of other trees; the trailing ones for rocky slopes and sand-banks. Also used in groups, borders and for individual planting.

Juniperus Canadensis, var. aurea, syn., Douglasii. DOUGLAS' DWARF GOLDEN JUNIPER. (V D) A low, spreading form with golden yellow foliage that turns a beautiful bronze in winter. It is very showy as an edging and beautiful in groups and rockeries. It is admired wherever a hardy little golden evergreen is needed, and we recommend it highly.

- 10 to 12 inches	$0 50
1½ to 2 feet	1 25

PICEA EXCELSA (See page 9)

Juniperus Canadensis, var. aurea, continued

J. communis, var. Hibernica. IRISH JUNIPER. (S) A slender, columnar tree, with glaucous green foliage. Very useful in formal planting; for grouping with other evergreens and for small yards, rockeries and cemeteries.

	EACH	DOZ.
- 20 to 30 inches	$0 25	$2 50
4 to 5 ft., heavy specimens	1 25	10 00

var. pyramidalis. PYRAMIDAL JUNIPER. (S) Similar in habit to the above, but a taller and more rapid grower; less dense, lighter color.

- 2 to 3 feet	$0 50
4½ to 5½ feet	2 00

var. Suecica. SWEDISH JUNIPER. (S) Very hardy; closely resembles *J. Hibernica,* but has a lighter and bluer tint to its foliage.

- 1½ to 2 feet	$0 25
2 to 3 feet	1 00

J. excelsa, var. stricta variegata. (S) A desirable variety of conical form with grayish green foliage, interrupted with branchlets of creamy white. The color is constant throughout the year.

2 to 2½ feet	$1 50
2½ to 3 feet	2 00

J. Japonica. JAPANESE JUNIPER. (D) A form useful for rockeries and specimens, with light green and glaucous foliage.

2 to 2½ feet	$1 50
2½ to 3 feet	2 00

var. aurea. GOLDEN JAPANESE JUNIPER. (V D) A low spreading tree of bright golden yellow, even in winter.

10 to 15 inches, bushy	$1 00
2½ to 3 feet	2 50

J. Sabina. SAVIN JUNIPER. (V D) Another spreading form, with deep, dark green foliage. Very valuable for rockeries, grouping and borders, making a pleasing contrast to other low-growing trees.

- 12 to 18 in. . . 50 cts. each, $5 per doz.

J. Virginiana. RED CEDAR. (M) A familiar tree, of medium size and pyramidal habit. It is extremely hardy, and thrives even in barren places, where other trees will not grow.

3 to 3½ feet	$2 00

Juniperus Virginiana var. elegantissima. (M) Has bright golden foliage in the spring and summer which turns to a coppery hue in the winter. It resembles the former in form and is hardy and useful for contrasts and grouping.

3 to 4 feet	$2 00
4 to 5 feet	3 00

var. glauca. BLUE VIRGINIA CEDAR. (M) Beautiful silvery blue leaves. Habit of the tree is similar to the Red Cedar, but more open. A desirable ornamental tree for many places.

4 to 5 feet	$2 50

Picea · Spruces

Probably better known and more largely planted than any other family of Evergreens. The Spruces are hardy, rapid-growing trees; reliable in almost any location. They mature quickly and live to a good old age. They make beautiful trees when planted individually, and in groups and collections they are just as effective.

Picea alba. WHITE SPRUCE. (L) A naturally dense, hardy native tree that is much admired for the beautiful blue gray of its needles.

3 to 4 feet	$2 50

var. aurea. GOLDEN SPRUCE. A novelty among Spruces, with bright golden needles in spring that grow darker as the season advances.

5 to 8 feet	$5 to $10 00

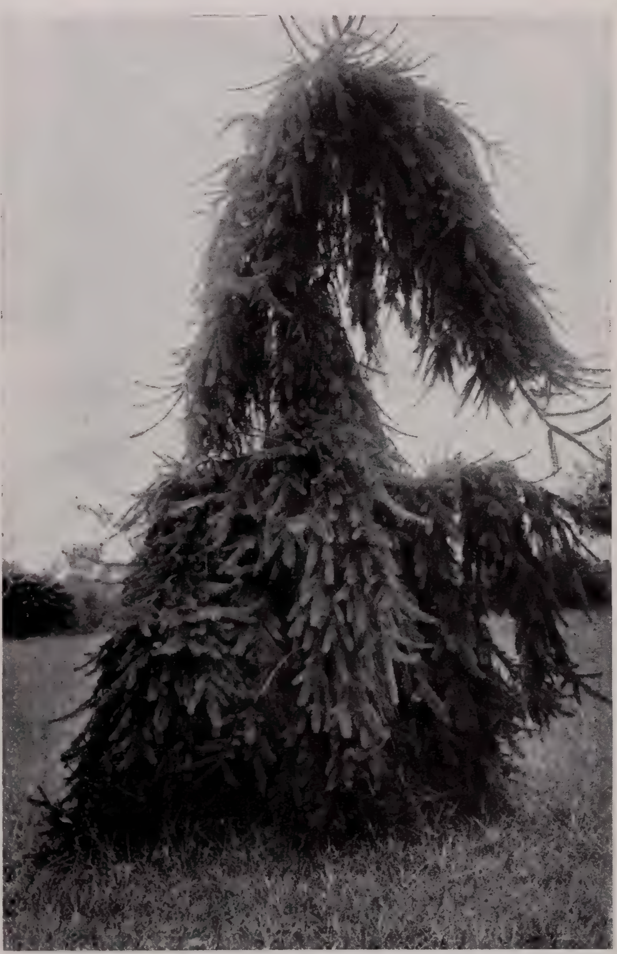
P. Alcockiana. ALCOCK'S SPRUCE. (M) Slender branches and upright growth. Beautiful with its short, dark green needles that are silvery blue on their under surface.

2 to 2½ feet	$2 00

P. Engelmanni. COLORADO SPRUCE. (M) Resembles the familiar Blue Spruce in the bluish green of its foliage. The needles are short and soft. A compact-growing tree, that retains its lower branches and makes beautiful specimens for solitary planting about the lawn. Endures wind and exposure and is remarkably hardy. We offer some splendidly developed stock.

3 to 4 feet	$3 to $4
4 to 5 feet, specimens, broad, symmetrical	$8 to $12
5 to 7 ft., specimens, broad, symmetrical,	$12 to $20

P. excelsa. NORWAY SPRUCE. (L) This familiar Spruce is more generally useful than any of the others. It is a rapid grower; does well in most soils, and withstands the bleak, cold winds of winter. It is valued highly for shelters, windbreaks or hedges. The branches become more pendulous with age. If left untrimmed, they spread out magnificently, and make desirable specimens. If pruned, they become stately trees of symmetrical form. See also Hedge Plants.



PICEA EXCELSA INVERTA

	EACH	DOZ.
1½ to 2 feet	$0 40	$4 00
2½ to 3 feet	60	6 00
3 to 4 feet, splendidly developed	1 00	9 00
4 to 4½ feet	1 50	15 00
6 to 15 feet	$3 to $15 each, some higher	

var. conica. Dwarf, conical form, compact and dense; perfectly symmetrical without pruning; foliage dark green.

3 feet, broad and symmetrical	$3 00

The price per doz. applies on purchases of from 6 to 50 of the same grade of any one plant. The price per 100 applies to purchases of from 50 to 250 of the same thing, and the price per 1,000 applies on larger quantities than 250.

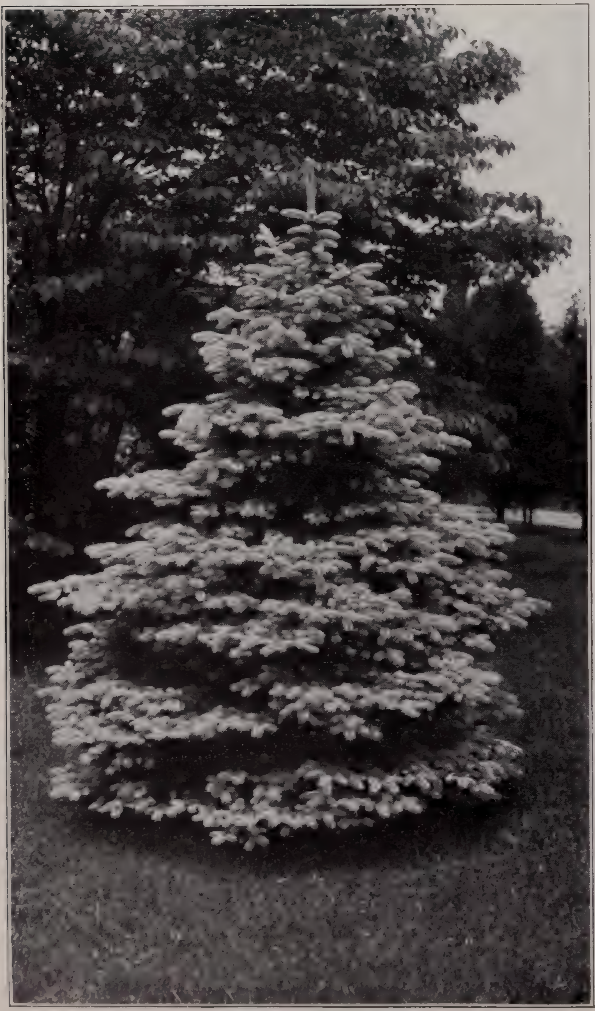
Picea excelsa, var. elata. Tiger-Tail Spruce. (M) A peculiar and rare tree, with long, slender, grotesque branches. Valued in rockeries and as a specimen.

3 to 4 feet	$3 00

var. inverta. Inverted Spruce. (S) The needles are larger and brighter than those of the species. The lateral branches sprawl about in grotesque, contorted forms. The appearance is extremely odd, and the unacquainted stop to admire this tree, which to them is a freak of nature. It is very useful on lawns and does much to break the regular outline of other evergreens.

2 to 3 feet	$3 00
3 to 4 feet	5 00
4 to 7 feet, selected	8 00

P. orientalis. Eastern Spruce. Short, dark, rich green needles of finer appearance than those of the Norway Spruce which it resembles. Its habit is symmetrical and compact, forming a shapely pyramidal tree. It is hardy and reliable. Especially beautiful as an individual specimen.


PICEA PUNGENS, VAR. KOSTERIANA

1½ to 2 feet specimens	$1 50
2 to 3 feet "	3 00
3 to 4 feet "	5 00
4 to 6 feet, selected specimens	10 00

P. pungens. Colorado Spruce. (M) The original form of the now famous Colorado Blue Spruce. The foliage of this tree is occasionally quite blue, but mostly a light green. It is a strong, hardy grower in most any soil and makes a very valuable and ornamental tree.

1½ to 2 feet	$1 50
2 to 3 feet	2 50
3 to 4 feet	4 00
4 to 5 feet	5 00
6 to 10 feet, selected	$30 to $50 00

var. Kosteriana. Koster's Blue Spruce. The best strain of blue Spruce. A striking, light blue in color that makes this one of the finest evergreens in cultivation. For individual planting and for color effect nothing equals this.

1 to 1½ feet, Glenwood-grown	$1 50
2½ to 3 feet, Glenwood-grown	3 50
3 to 3½ feet, freshly imported	8 00
3½ to 4 feet, freshly imported	10 00
3½ to 4 feet, acclimated trees	12 00
4 to 4½ feet, acclimated trees	15 00

Pinus · The Pines

The Pines endure a wide range of climatic conditions. They are natives of lowlands and mountainous regions, and withstand well the cold, bleak winds to which they are subjected. They are mostly of pyramidal habit, grow rapidly, and are not particular as to soil. Pines are very ornamental and useful on lawns and public grounds. They are so diverse in character that species may be selected for even the smallest areas as well as for vast estates. In groups, shelter-belts or as tall screens their value is highly appreciated. We frequently root-prune our Pines so that they develop fine fibrous roots, enabling us to dig and ship them with balls of earth with very little risk in transplanting.

Pinus Austriaca. Austrian Pine. (L) A tall, massive tree, with spreading branches heavily plumed with long, stiff, dark green needles. A useful species along the coast, and grows equally well inland. Popular for grouping or as specimens.

20 to 30 inches	$1 00
3 to 4 feet	2 50
6 to 8 feet	5 00
8 to 12 feet	$10 to 15 00

The prices in this Catalogue include the packing and delivery to our freight and express depots in Trenton, N. J., but they do not include the cost of transportation.

Pinus Cembra. SWISS STONE PINE. (M) A very hardy and handsome Pine, with short, bluish green leaves, that grows slowly into a compact pyramidal tree. It branches symmetrically, even at the base, and makes a beautiful ornament for small places or for contrasting with other evergreens.

12 to 18 inches	$1 50

P. excelsa. BHOTAN PINE. (L) In general appearance resembles the White Pine, but is short-lived. The soft, long needles are light green, and droop in graceful fringes from the long, slender branches. It rapidly becomes a tall tree, and is very attractive when given room to develop.

1 to 1½ feet	$0 50
3 to 4 feet	1 50
4 to 5 feet	3 50
5 to 6 feet	5 00
6 to 8 feet	8 00
8 to 12 feet	$10 to 15 00

P. Mughus. MUGHO PINE. (D) This unique Alpine species forms a dark, dome-shaped bush, broader than its height, and sometimes almost prostrate. Valuable for planting on lawns, terraces, rockeries, barren hillsides, or near the sea.

10 to 15 in. by 12 to 18 in. broad	$1 50
15 to 18 in. by 18 to 24 in. broad	2 00
18 to 24 in. by 20 to 30 in. broad	3 00

P. resinosa. RED, or NORWAY PINE. (L) A very ornamental, hardy Pine, with olive green needles.

2 to 3 feet	$1 00

P. sylvestris. SCOTCH PINE. (L) A strong and rapid grower, with spreading branches and short, stiff, bluish green needles. Not a long-lived tree, but valuable for quick effects. Generally useful, and one of the most popular Pines.

		EACH	DOZ.
2 to 3 feet		$0 75	$7 50
3 to 4 feet		1 25	12 00
5 to 6 feet	splendidly	4 00	
6 to 7 feet	developed	6 00	

P. Strobus. WHITE PINE. (L) The most common and quickest-growing of the Pines. It withstands the hardships of winter, grows well in sandy soils and barren places. Develops into a tall, noble tree, whose ruggedness in old age is picturesque and grand. The needles are soft and silvery green; the horizontal branches are in regular whorls about the trunk, making the young trees symmetrical, open pyramids. It grows into naturally beautiful trees for solitary planting; makes fine backgrounds and shelter-belts, is valuable in any plantng.

	EACH	DOZ.
2 to 3 feet	$0 75	$7 50
3 to 4 feet	1 50	15 00
4 to 5 feet	2 50	25 00
5 to 6 feet	4 00	
6 to 8 feet	5 00	

Pinus Strobus, continued

Pinus Strobus, continued

PINUS MUGHUS

Pseudotsuga

Pseudotsuga Douglasii. DOUGLAS' SPRUCE. (L) It is similar to the spruce and is a very desirable and beautiful tree for either collective or individual planting.

20 to 30 inches	$0 75
3 to 3½ feet	2 00

Retinospora

Sometimes called Japan Cypress, and known botanically as Chamæcyparis. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints, and because of the pleasing feathery effect of some varieties, affording a very desirable contrast in groups of evergreens. The species generally are of pyramidal habit, vigorous growers, that thrive in most soils, and seldom attain a greater height than 40 feet. Their coloring is constant and attractive at all seasons. They are useful in all ornamental plantings, and particularly well suited for color contrasts, grouping, formal effects, window-boxes and vases. Occasional shearings render them more compact and brighten their distinct refined and attractive colors, and individual specimens may be grown to a superb condition.

Retinospora filicoides. Fern-like Retinospora. (S) An open form, whose soft green leaves are borne all along the branches. A pretty, unique little evergreen that should be in all collections.

10 to 15 inches	$1 00
15 to 20 inches	1 75
20 to 30 inches	2 50

R. filifera. Thread-branched Retinospora. (M) Of pyramidal outline, with horizontal branches and drooping, deep green foliage. Particularly charming when a rain-storm has tipped each twig with crystal drops.

4 to 6 feet	$5 00

var. aurea pendula. Weeping Golden Thread-branched Retinospora. (M) This is a beautiful evergreen of low growth. The foliage is of a rich golden hue, with occasional leaves of deep green, that makes a striking, though pleasing contrast. The slender, thread-like branches droop gracefully to the ground, making a small golden fountain of foliage that blends most pleasingly with the green grass. It is an uncommon plant, and a very useful one for the front of groups or as specimens.

12 to 15 inches by 18 to 24 inches broad	$4 00

A SAMPLE OF THE RETINOSPORA PLUMOSA AUREA AT GLENWOOD

Retinospora flavescens, var. variegata. White-leaved Retinospora. (D) The varied tints of green, yellow and creamy white in this evergreen give it a golden appearance. The habit is dwarf and compact, and its ball-like form makes it a pretty little ornament in many places. We have some handsome specimens for immediate effects.

12 to 18 inches by 12 to 18 inches broad	$1 00
18 to 24 inches by 20 to 30 inches broad	2 00
2 to 2½ feet by 2 to 3 feet broad	4 00
3 to 4 ft. by 4 to 5 ft. broad, handsome spec.	6 00

R. obtusa. Obtuse-leaved Retinospora. (M) Largest of the family. Of upright growth and much admired. The soft green foliage, arranged in flat filaments, gives the tree an airy appearance.

2½ to 3 feet	$2 00

var. gracilis aurea. (S) Somewhat like the former, but more loose and open. The young green foliage is profusely marked with a bright golden yellow, making a handsome and attractive tree.

4 to 4½ feet	$4 00

var. nana. (D) A slow-growing dwarf variety that attains great age. It is popular in Japanese gardens, and attracts much attention here. The deep dark green leaves are arranged in flattened masses that rise above one another, making a dense, heavy foliage, and giving it a beautiful individuality.

12 to 18 inches	$2 50
18 to 24 inches	3 50

R. pisifera. Pea-fruited Retinospora. (M) The slender branches are open and graceful, the foliage light green above and silvery beneath. It is one of the best Retinosporas.

2½ to 3 feet	$2 00

var. aurea. (D) Slender branches. Open and graceful habit. Bright golden foliage.

3 to 4 feet	$4 00

R. plumosa. Plumelike or simply Green Retinospora. (S) Of conical outline, with light, feathery green foliage. It stands shearing well, and if frequently pruned becomes compact and dense. It is useful in groups, beds or for vases and window-boxes.

18 to 24 inches	$0 75
2½ to 3 feet, sheared	1 50
3 to 4 feet, sheared	3 50
5 to 6 ft., broad, handsome specimens	10 00

var. aurea. Golden Retinospora. (S) The most popular and generally useful of all the golden evergreens. In character it resembles the *R. plumosa.* Is especially ornamental, and the soft, plume-like golden foliage is particularly bright in spring. It remains a deep yellow even through the winter. When pruned it becomes symmetrical and regular. It is low-branched, and the golden yellow foliage brushes the green grass in beautiful contrast. A vig-

Retinospora plumosa aurea, continued

orous grower, that is unsurpassed for color effect in grouping. It is well adapted for small lawns, and equally appropriate for larger areas. For window-boxes, vases, or formal gardening, its value is realized.

15 to 20 inches, heavy plants	$0 75
3 to 3½ feet	2 50
3 to 4 feet, clipped trees	3 50
3½ to 4½ feet, handsome sheared specimens	8 00
5 to 8 feet, broad and heavy sheared specimens	$20 to 50 00

R. squarrosa Sieboldi. SIEBOLD'S RETINOSPORA. (S) Dwarf, compact evergreen, with bluish foliage, changing to a purplish hue in winter; a distinct coloring that is effective in collective plantings.

20 to 30 inches	$1 25
2½ to 3 feet	2 00

var. Veitchii. SILVER RETINOSPORA. (S) Possesses the merits of *R. plumosa*, resembles it in character, and is useful in the same ways. The foliage is feathery, and of a rich, silvery glaucous or steel-blue.that contrasts finely with the dark green and golden tints of other varieties. One of the most showy and attractive of the class. We have a stock of magnificent trees.

15 to 20 inches, bushy	$0 75
1½ to 2 feet, sheared and heavy	1 50
2 to 2½ feet, sheared and heavy	2 00
3 to 4 ft., by 2½ to 3 ft. broad, sheared	5 00
4 to 5 ft. by 3 to 4 ft. broad, sheared	10 00
5 to 6 feet, selected	15 00
6 to 8 feet, selected	60 00

Sciadopitys

Sciadopitys verticillata. UMBRELLA PINE. A quite hardy, odd, Japanese tree, of pyramidal character. Grows slowly to large size. Each branch and shoot is terminated by a whorl of umbrella-like tufts of bright green, long, glossy needles.

2 to 3 feet	$3 00
3 to 4 feet	5 00

RETINOSPORA SQUARROSA VEITCHII

Taxus · Yews

The Yews are slow-growing, generally small trees, that do well in most soils and possess a particularly fresh-looking foliage. They are highly ornamental and effective as specimens or in groups. Yews withstand clipping well, but they require the protection of sheltered positions in places north of Philadelphia.

Taxus baccata. ENGLISH YEW. (S) A slow-growing, thickly branched tree, with small dark green leaves. Long-lived, ornamental, and desirable for cemeteries and specimens. Withstands close shearing.

3 to 4 feet	$3 to $4 00
4 to 5 feet	6 00

var. fastigiata. IRISH YEW. (S) Slender, pyramidal tree, that retains its shape without trimming. Dark, glossy green leaves.

2 to 3 feet	$2 50

Taxus baccata, var. fastigiata aurea. GOLDEN IRISH YEW. (S) In character similar to the preceding, with young foliage a brilliant golden yellow. Much valued for formal work.

1½ to 2 feet	$2 00

var. repandens. SPREADING ENGLISH YEW. (D) Very luxuriant, low-spreading tree, rarely growing over 3 or 4 feet high. Long, dark green foliage. Valuable in rockeries, steep slopes and similar places.

12 to 18 in. high by 18 to 24 in. spread	$2 00

Thuya · Arborvitæ

These highly ornamental trees, though many are of upright habit, do not grow to great heights, and are appropriate for small lawns as well as larger areas. They are generally hardy; grow vigorously in varied soils, and are easily transplanted. Their clean, neat, compact appearance and the soft, frondlike foliage in many cases so brightly colored, make them useful in grouping, bedding, bordering and formal gardening, for cemetery and lawn specimens, for hedges, screens, window-boxes, vases and house decoration.

Thuya occidentalis. AMERICAN ARBORVITÆ. (S) Green foliage, pyramidal habit, vigorous and hardy. It is deservedly popular, and much valued for specimens, screens or hedges. Our stock is especially heavy and nice this year.

	EACH	DOZ.
2 to 3 feet	$0 50	$4 00
4 to 5 feet	1 00	10 00
5 to 6 feet	1 50	15 00
6 to 7 feet	2 00	20 00

var. aurea. GEORGE PEABODY'S ARBORVITÆ. (S) Color effect a clear, shining golden yellow that contrasts finely with darker evergreens. Of pyramidal habit, grows rapidly; has the brightest and most permanent color of all. Surely one of the handsomest of the golden tinted conifers.

20 to 30 inches	$1 50
3 to 4 feet	3 00

var. Burrowii. (S) Possesses the upright form and the dense, compact habit of the Pyramidal Arborvitæ. Particularly valued for its golden tinted foliage, that turns green in winter.

3 to 4 feet	$2 50

AMERICAN ARBORVITÆS

Thuya occidentalis, var. Columbia. (S) A rare tree with white variegated foliage. Should be in all collections. Resembles *T. Queen Victoria.*

- 1 to 2 feet	$1 50

var. compacta. COMPACT ARBORVITÆ. Dwarf, dense little evergreen, having light green foliage and neat, attractive habit. Popular for beds, borders, cemeteries, or house decoration. See Hedging Plants.

12 to 15 inches	$0 50
20 to 30 inches	1 50
2½ to 3 feet	2 00

var. Ellwangeriana; syn., **Tom Thumb.** (D) In many respects it is similar to the Retinospora and seems to be the connecting link between Arborvitæs and that family. It is pretty, hardy, with silvery foliage that closely resembles *T. ericoides* when young, but in winter it does not turn so dark. Its low growth and compact symmetry make it valuable for decoration in small areas.

- 12 to 15 inches	$0 40
- 15 to 18 inches	75

var. ericoides. HEATH-LEAVED ARBORVITÆ. (D) A conical little evergreen, with soft feathery silvery foliage that differs strikingly from most other varieties. In winter the color changes to a blue-brown. Desirable for the contrast it makes in groups.

- 12 to 15 inches	$0 40

var. globosa. GLOBE ARBORVITÆ. (D) Very dwarf and compact; grows naturally into a rounded almost ball-like form, that makes it useful for grouping, specimens or vases. The foliage is deep dark green.

15 to 20 inches by 18 to 24 inches	$0 75
18 to 24 inches by 20 to 30 inches	1 25

var. Hoveyi. HOVEY'S GOLDEN ARBORVITÆ. (D) Somewhat resembling *T. compacta*, though not so dense, but useful in the same ways. Coloring, beautiful light golden green.

15 to 18 inches	$0 75
20 to 30 inches	1 50

var. Little Gem. DOUGLAS' ARBORVITÆ. (V D) A dwarf, globe-shaped Arborvitæ, with dark green leaves.

- 6 to 8 inches by 6 to 8 inches	$0 75

var. Lobbi aurea. A distinct form of rather open habit with bright glossy green foliage tinted with yellow. It is a rare interesting tree, valuable to have in collections.

- 2 to 3 feet	$0 75

HEMLOCK SPRUCE AND AUSTRIAN PINE AT GLENWOOD

Thuya occidentalis, var. pyramidalis. PYRAMIDAL ARBORVITÆ. (S) More dense than the American Arborvitæ. A strong, rapid grower. Its compact, slender column of dark green is ornamental as a lawn specimen, for backgrounds and in groupings. Best tall-growing variety and one of the handsomest evergreens.

2 to 3 feet	$0 75
5 to 6 feet	2 50
6 to 7 feet	3 50

var. pyramidalis Douglasi. DOUGLAS' PYRAMIDAL ARBORVITÆ. (S) A beautiful, upright evergreen with deep green foliage.

4 to 5 feet	$6 00

var. Queen Victoria. SILVER-TIPPED ARBORVITÆ. (S) Of pyramidal habit; variegated foliage.

2½ to 3 feet	$2 00

var. Reidii. (D) A broad low evergreen, less compact than the other dwarf varieties.

20 to 30 inches	$1 00

var. Rivers. A variety that we obtained in Holland. It closely resembles the familiar American Arborvitæ in shape, size and appearance, and gives promise of being equally desirable.

4 to 4½ feet, specimens	$2 50

var. Vervæneana. VERVAENE'S ARBORVITÆ. (S) Of medium, upright growth and dense habit. The green and golden tinted leaves blend harmoniously. Has marked individuality. Is valuable for planting with other evergreens, to give variety.

3 to 4 feet	$2 00
4 to 5 feet	4 00

EARED HEMLOCK

Thuya occidentalis, var. Wareana; syn., Sibirica. SIBERIAN ARBORVITÆ. (S) An especially valuable species for cold climates. Dense and shapely, medium height, in much demand for general purposes.

12 inches	$0 50
2 to 3 feet	1 50

Tsuga · Hemlock

The Hemlocks are exceptionally graceful trees, that are generally useful. They are very hardy, grow rapidly, and transplant easily.

Tsuga Canadensis. HEMLOCK SPRUCE. A medium-sized tree, with open, pendulous branches, whose graceful character is in striking contrast to some of the more stiff and formal conifers. It is a rapid grower, very hardy. If trimmed it becomes dense and bushy, making especially beautiful hedges. Unsurpassed for tall screens, massing, or as individual trees. We have thousands that are root-pruned and perfectly developed.

3 to 4 ft.	$1 00
4 to 5 ft.	1 50
5 to 6 ft.	2 00
3 to 4 ft., bushy and heavy	1 50
4 to 5 ft., bushy and heavy	2 00
3 to 4 ft., clipped specimens	2 50

UNSHEARED HEMLOCK

Evergreen Shrubs

These "Broad-leaved Evergreens" are being used more and more each year because they are so desirable and effective in all landscape work. Their heavy leaf masses meet the demand for fresh green foliage to enliven and cheer the bare aspect of deciduous trees and shrubs in winter. But best of all is the magnificent display that most of them make when in bloom, especially the Rhododendrons and Kalmias. Another desirable quality most of them have is such a fondness for shady places, that they meet a large demand in beautifying these spots which are usually thought so difficult to adorn. As a rule they transplant easily, are quite hardy, give immediate results and are altogether very satisfactory things to use.

Andromeda

Andromeda Catesbæi. See *Leucothoe Catesbæi,* page 18.

A. Japonica. A beautiful low shrub with drooping racemes of small white, wax-like flowers in May or June. The shining deep green leaves are handsome. A desirable plant at the front of groups of broad-leaved evergreens, or in shaded places.

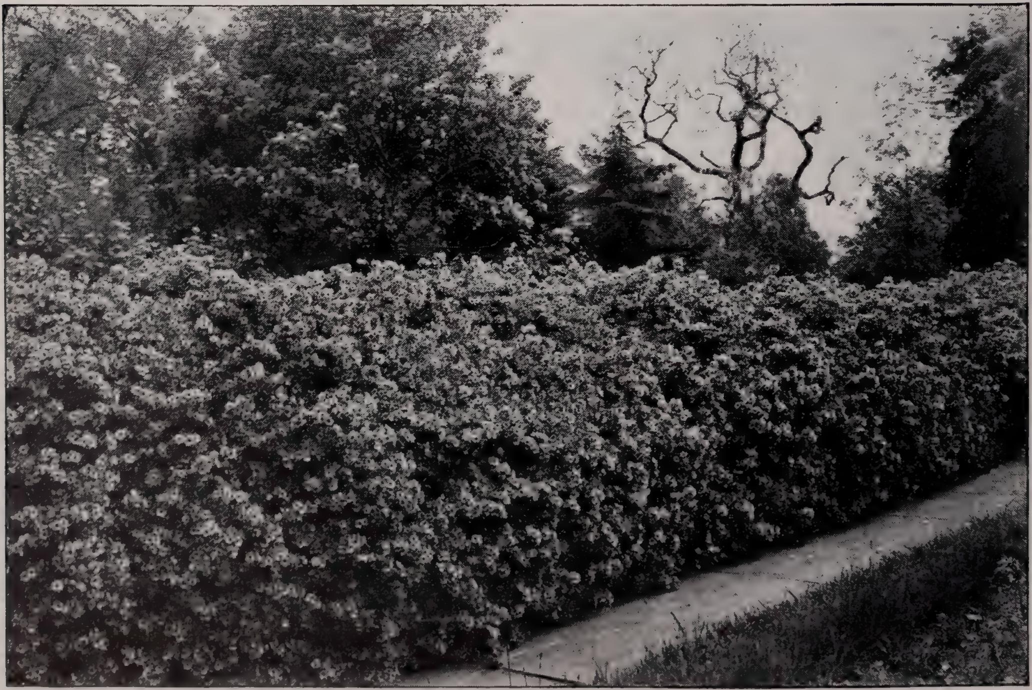
1½ to 2 feet . . . . . . $1.25 each, $12 per doz.

Azalea Amœna

A bushy, dwarf evergreen with small green leaves that deepen to a lustrous coppery hue in winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant, claret-colored flowers, that hold their beauty three or four weeks. Such beautiful little plants are ornaments anywhere, and are especially desirable for edging drives and walks, for dwarf hedges, groups, or for bordering Rhododendron and Kalmia beds. The *Azalea amœna* is an admirable hedging plant, as shown in the illustration below. It has all the necessary requirements, and we strongly recommend it for this purpose. See our prices in the chapter devoted to Ornamental Hedging Plants.

	EACH	DOZ.
12 to 15 inches high, 10 to 15 inches broad and bushy	$1 00	$10 00
15 to 20 inches high, 12 to 20 inches broad and bushy	1 50	15 00
20 to 24 inches high, 20 to 30 inches broad and bushy	2 00	20 00

Selection of larger specimens, $2.25 to $3 each.



HEDGE OF AZALEA AMŒNA

Buxus · Boxwood

The different species vary in height from low bushes to medium-sized trees. All are long-lived, of dense, compact growth, and have dark green, glossy leaves. They are used for grouping, edging walks, planting against house foundations, for hedges, and in tubs for formal gardens, terraces and porches.

Buxus sempervirens. Common Tree Box. The familiar box of old-fashioned gardens. It grows slowly into a large, broad shrub. The small, dark green leaves are always fresh and glossy. It is a strong grower in almost any soil and does well in shaded places. It withstands shearing and may be clipped into artificial forms. Our stock includes some specimens that have been clipped into conical or pyramidal shape, and are very effective in formal plantings and for tubs and vases.

	Each	Doz.
2 to 3 feet, natural form	$1 50	$15 00
3 to 4 feet, natural form	2 50	24 00
3 to 3½ feet, clipped, pyramidal shape	3 00	30 00
3½ to 4 feet, clipped, pyramidal shape	4 00	36 00

var. arborescens. Tall Tree Box. A larger growing tree than *Buxus sempervirens.* It is more open in habit and less formal in appearance.

- 10 to 12 inches . . . . 25 cts. each, $2.50 per doz.

var. suffruticosa. Dwarf Box. The variety so extensively used as an edging to walks and now again so popular in all formal and old-fashioned gardens. See Hedge Plants.

	100	1,000
5 to 6 inches	$7 00	$50 00
6 to 8 inches	15 00	100 00

Cotoneaster

Cotoneaster buxifolia. A small-growing shrub with tiny leaves, that does best in well-drained soil and sunny places. In winter it is ornamented with bright red fruit.

12 to 18 inches . . . . 50 cts. each, $5 per doz.

Euonymus

The upright evergreen forms have handsome foliage and are valued for many purposes. They grow best in light or sandy soils. Unfortunately the Japanese varieties winter-kill in sections much north of Philadelphia, though if cut back to the ground they frequently recover and make stronger plants than before. The trailing forms are more hardy and valued as a ground cover and in rockeries.

Euonymus Japonica. Japanese Euonymus. An erect form with glossy green foliage and bright green bark. It makes a handsome bush, is frequently used as an edging, and is especially adapted to planting in sandy soils.

1½ to 2 feet . . . . 50 cts. each, $5 per doz.

var. argentea. Silvery Euonymus. The characteristics of the plant are the same as above, but its leaves are beautifully variegated with silvery white markings that are constant in color.

1 to 2½ feet . . . . 50 cts. each, $5 per doz.

PYRAMIDAL TREE BOX

Euonymus Japonicus var. aurea. GOLDEN EUONYMUS. Similar to the foregoing. Leaves are margined with yellow.

1 to 1½ feet . . . . 50 cts. each, $5 per doz.

E. radicans is the pretty CREEPING EUONYMUS with plain green leaves. Used for covering house foundations, stone walls, tree trunks, etc., which it soon covers with a thick evergreen web. This and its varieties are perfectly hardy.

10 to 15 inches, 2 years . 25 cts. each, $2 per doz.

var. variegata. Of the same habit as the above and useful in much the same ways. Its leaves are prettily marked with silvery white, and are much more effective than those of the green variety.

10 to 15 inches, 2 years . 25 cts. each, $2 per doz.

Ilex · The Hollies

The berried twigs are familiar decorations at Christmas time, but most people do not know what splendid ornaments the trees are in either open or collective planting. Their foliage is always beautiful, the flowers small but interesting, and the scarlet fruits very ornamental. As they are diœcious, it is best to plant several trees to make sure of the berry display in winter.

Ilex aquifolia. ENGLISH HOLLY. Darker leaves than those of the American variety, and not such a large grower in this country.

3 to 4 feet . . . . $4 each, $42 per doz.

FLOWER TRUSS OF KALMIA LATIFOLIA

Ilex crenata. JAPANESE HOLLY. Small, dark green leaves and neat habit. Requires protection north of New York. It is a splendid little plant in latitudes where it is hardy. It is especially valuable for hedging.

	EACH	DOZ.
10 to 15 inches	$0 50	$5 00
15 to 20 inches	1 00	9 00

Kalmias · Laurel

These flowering shrubs compare well in grandeur with the Rhododendrons. They are very hardy, "grow almost as well in swamps as in drier locations and prefer partly shaded situations, but also thrive well in sunny places."

Kalmia angustifolia. SHEEP LAUREL. A dwarf, vigorous variety, with deep rose-colored flowers that open early.

12 to 18 inches . . . 75 cts. each, $7.50 per doz.

K. latifolia. MOUNTAIN LAUREL. These bushy shrubs with age sometimes attain tree-like proportions. Their elongated, oblong leaves are always fresh and glossy, making possible charming foliage effects, and cheery landscapes at all seasons. In early spring they bloom profusely. The delicate pink buds, beautiful in themselves, open in large corymbs of pink and white flowers. They bloom after the Rhododendrons and are useful for massing with them or for wooded effects on large lawns.

	EACH	DOZ.
12 to 18 inches, nursery-grown, with ball . . .	$0 75	$7 50
18 to 24 inches, nursery-grown, with ball . . .	1 00	10 00

We control large mountain areas of these desirable shrubs and are prepared to furnish the native plants in car-load lots. Write to us for further particulars.

Leucothoe

Leucothoe Catesbæi; syn., **Andromeda Catesbæi.** DROOPING ANDROMEDA. A valuable small shrub for shady places and wild effects. The oblong leathery leaves change to a beautiful bronze in autumn, and are so much admired that quantities of sprays are collected from the native woods and sold for Christmas decorations. In early spring, drooping panicles of small, fragrant, white, waxlike flowers cover it. Our plants have been grown in our own nurseries and have the advantage of northern-grown acclimated stock.

	EACH	DOZ.
1 to 1½ feet	$0 50	$5 00
1½ to 2 feet, clumps . . .	1 00	10 00

OUR EVERGREENS GROUPED AT THE BASE OF AN ARCH. AMPELOPSIS VEITCHII ON WALL

Magnolia

Magnolia grandiflora. This broad-leaved southern evergreen flourishes in sheltered places as far north as Pennsylvania. Its flowers are deep, broad cups of waxen white, deliciously fragrant, and bloom when the tree is quite young.

18 to 24 inches $2 00

Mahonia

Mahonia aquifolia. HOLLY-LEAVED MAHONIA. A native plant with handsome prickly foliage that is a deep, glossy green in spring and turns to a bright bronze color in winter. In May little yellow flowers hang along the branches. Very desirable plant for rockeries and shrubbery groups.

10 to 15 inches . . . . 40 cts. each, $4 per doz.

Mahonia Japonica. JAPANESE MAHONIA. A strong grower of coarse habit with large leaves. It is not quite so hardy as aquifolia. Has equally fine flowers. The foliage does not change its color in the winter.

12 to 18 inches, very bushy . 75 cts. ea., $6 per doz.

Yucca Filamentosa · Adam's Needle

A low evergreen without a central stem. The long, narrow leaf-blades come out from the root-crown. In June or July it shoots up heavy stalks laden at the top with ivory-white flowers. It is a very desirable species and valuable in separate or mixed shrubbery and herbaceous plantings.

	EACH	DOZ.
Heavy clumps, 3 years old	$0 35	$3 00
Extra heavy clumps, 3 and 4 yrs. old	50	4 50

LEUCOTHOE CATESBAEI (See page 18)

Rhododendrons

Formerly these shrubs were not considered hardy, but experience has proven that when selected intelligently there are varieties that grow successfully as far north as Boston. In early summer there are no flowers more gorgeous than these grand shrubs, that are then aglow with their great masses of bloom. But not only at this season are they attractive, for the heavy shiny green leaves cheerfully enliven the landscape even in winter. If planted in front of evergreen shelter-belts their glossy foliage appears to delightful advantage against the more somber hues of the conifers that protect them from the prevailing winds. In groups or masses the varied colors of the flowers blend harmoniously together, and make a brilliant ornament wherever seen. Planted separately on small lawns they form grand specimens that flower abundantly.

Rhododendrons do well in most soils free from limestone, and to obtain success from them no such expensive methods of preparing the ground are required as are sometimes advocated, though they willingly respond to such treatment. In summer a light mulch of cut grass retains the moisture, and in winter a heavier mulch of manure protects the roots, and frequently a slight covering is required to shelter the flower-buds and foliage. After each flowering season the dead bloom should be picked to prevent seeding, and allow the energies of the plant to develop flower-buds for the next year.

The Rhododendrons stand without an equal among the flowering shrubs, and, to retain their supremacy, possess the crowning virtue of flowering in all their glory the same season as planted. They may be moved successfully either in spring or fall.

All our Rhododendrons are shipped with balls of earth about their roots, which prevents them from drying out and insures successful growth. They are well budded and will flower this year.

PRICES AND VARIETIES OF HYBRID RHODODENDRONS ARE AS FOLLOWS:

Our Selection of Varieties.	each	doz.	Purchasers' Selection of Varieties.	each	doz.
18 to 24 inches	$1 75	$18 00	18 to 24 inches	$2 00	$20 00
2 to 2½ feet	2 25	21 00	2 to 2½ feet	2 50	25 00

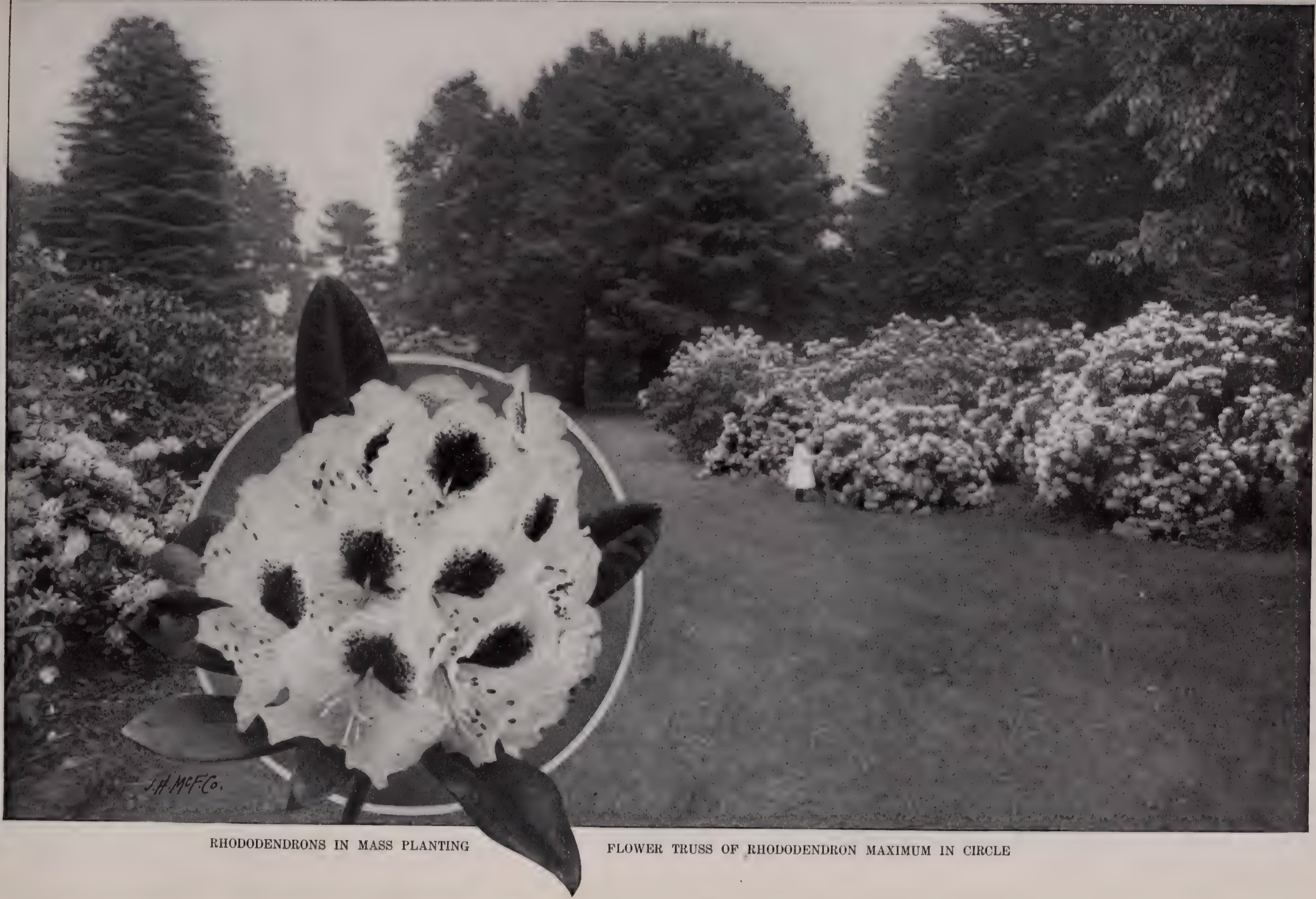
(It is likely that early sales will soon reduce our assortment of varieties, and purchasers will do well to name a second choice, that no delay shall occur in filling orders.)

C. S. Sargent. Crimson.
Caractatus. Purplish crimson.
Chas. Dickens. Dark scarlet.
Delicatissimum. Blush white.
Kettledrum. Deep red.
Lady Armstrong. Pale rose.
Purpureum grandiflorum. Purple.
Old Port. Plum color.
Album grandiflora. White; large flowers.
Roseum elegans. Rose.
H. H. Hunnewell. Dark rich crimson.
John Waterer. Dark crimson.
Lady Claremont. Rosy scarlet.
Michæl Waterer. Scarlet-crimson.
Mrs. C. S. Sargent. Pink.
R. S. Field. Scarlet.
Lipton. Deep maroon.
Everestianum. Rosy lilac.
Chas. Bagley. Cherry red.
Atrosanguineum. Deep blood-red.
H. W. Sargent. Crimson.
Alba elegans. White.
Boule de Neige. Pure white.
Abraham Lincoln. Cherry red.
Catawbiense alba. White.

Rhododendron maximum. Great Laurel. A native shrub that is beautiful among our mountainous regions, in June and July, when its great white (sometimes rosy pink) flower masses appear in full bloom along the roadsides or on banks of streams. The landscape engineer uses them in much the same way that nature does; for covering banks, for groups or masses in shady situations, as an undergrowth in wooded places or for planting beside drives and paths, nothing is more pleasing. Its heavy, glossy green leaves make a magnificent setting for the large showy flowers, and its vigorous, hardy growth makes it desirable in many places.

	each	doz.
2 to 3 feet, collected clumps	$2 00	$21 00
3 to 4 feet, collected clumps	3 00	30 00
4 to 5 feet, collected clumps	5 00	48 00

We control several hundred acres of vigorous, bushy *Rhododendron maximum* ranging in height from 1½ to 7 feet, from which we can supply large quantities of collected plants in car-load lots. We dig these with large balls of leaf-loam that are carefully preserved about their roots. These arrive in good condition and withstand transplanting especially well. Upon request, further particulars and prices of car-load shipments will be cheerfully given.



RHODODENDRONS IN MASS PLANTING FLOWER TRUSS OF RHODODENDRON MAXIMUM IN CIRCLE

AVENUE OF OAK TREES IN FAIRMOUNT PARK, PHILADELPHIA, PA.

Deciduous Ornamental Trees

NOTHING can be planted which will grow so well and with so little attention and care as trees. The initial cost is small and paid for many times over by the beauty, pleasure and satisfaction which they bring. In the assortment that we have listed will be found the varieties best adapted for street and avenue planting; the kinds that will give the coolest shade for lawn and park use; species of rapid growth to produce quick effects; those with gorgeous and showy flowers and brilliant autumnal leaves; kinds with graceful, weeping habit; large and dwarf-growing sorts. Our collection includes trees adapted for all locations, climates and soils. All have been grown with care to make them straight, stocky, well headed and supplied with fibrous roots. They have been frequently transplanted and are prepared for moving. Where trees are wanted in large quantities we may be able to offer greater inducements on some varieties, so that we solicit correspondence from persons who contemplate purchasing in such numbers. That the unacquainted may have an idea of the height to which each tree may be expected to grow, we have marked the varieties as follows:

(L) designates trees growing to 60 feet or over at maturity. (M) from 30 to 60 feet. (S) 20 to 30 feet. (D) 10 to 20 feet. (V D) less than 10 feet.

Acer · The Maples

Maples are planted, perhaps, more largely than any other trees. They are hardy and well adapted to almost every soil; are attractive, vigorous growers, and remarkably free from the attacks of injurious insects. Their shade is cool and dense, and for this they are indispensable in all lawn, park or avenue plantings. In autumn the brilliant coloring of their leaves is everywhere commented upon. The Silver Maple is the most rapid-growing, but for permanency the Sugar and Norway are usually preferred.

Acer campestre. EUROPEAN CORK MAPLE. (S) Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry grounds.

5 to 6 feet . . . . 75 cts. each, $8 per doz.

A Colchicum, var. rubrum. RED MAPLE. (S) The young growth of this rare tree is bright red in May and in August, when a second growth appears. It grows slowly to a medium-sized, round-topped tree, found most valuable for contrasts. From Japan.

	EACH	DOZ.
6 to 8 feet.	$1 75	$18 00
10 to 12 feet.	3 00	30 00

A. dasycarpum. SILVER MAPLE. (L) This Maple may be seen along the streets of almost every town or village. It is a most reliable grower in all sections, and matures so rapidly that it is sought for quick effects, but, like all rapidly maturing trees, is short-lived and declines after a period of from 40 to 50 years. The leaves are deeply cut and their silvery under surface is beautifully displayed. The tree is not so desirable in most places as the Sugar or Norway Maple, but as a quick-growing low-priced tree the Silver Maple is scarcely surpassed.

	EACH	DOZ.
8 to 10 feet	$0 75	$5 00
10 to 12 feet	1 00	9 00
12 to 14 feet, 1½ to 2 in. cal. . . .	1 50	15 00

var. Wieri laciniatum. WIER'S CUT-LEAVED SILVER MAPLE. (M) The leaves are cut more deeply than those of its parent, the Silver Maple. It grows very rapidly and is distinguishable by its slender branches that droop gracefully. This is a desirable and attractive tree for quick effects on a new lawn, and is sometimes also used for avenue planting.

	EACH	DOZ.
8 to 10 feet	$1 00	$10 00
10 to 12 feet	1 25	12 00
12 to 14 feet, 1¾ to 2 in. cal. . .	2 00	18 00
14 to 16 feet, 2 to 2½ in. cal. . .	2 50	24 00

A. Negundo. ASH-LEAVED MAPLE, or BOX ELDER. (L) A rapid-growing tree of irregular spreading form, whose leaves resemble those of the ash. Improved by close pruning. It withstands cold and dryness.

	EACH	DOZ.
10 to 12 feet, 2 to 2½ in. cal. . .	$1 25	$12 00
12 to 14 feet, 2½ to 3 in. cal. . .	2 00	21 00
14 to 18 feet, 3 to 4 in. cal. . $2.50 to $5.00 each.		

A. platanoides. NORWAY MAPLE. (L) A handsome tree of large growth, forming a wide, rounded head of spreading branches and having broad, deep green leaves that cast a cooling shade. Strong, compact and vigorous. Is one of the best ornamental trees and is popular in all lawn, park, cemetery and street planting. We have some particularly nice blocks of these trees.

	EACH	DOZ.
6 to 8 feet	$1 00	$10 00
11 to 12 ft., 1¾ to 2 in. cal., heavy straight trees	2 00	20 00
12 to 14 ft., 2 to 2½ in. cal., heavy straight trees . . . . . . $2.50 to $3 each.		

Prices on larger trees on request.

Acer platanoides, var. Reitenbachi. REITENBACH'S NORWAY MAPLE. (M) Beautiful and striking because of its rich, changing foliage, which is soft green in spring, decidedly purple in midsummer, purplish scarlet in autumn. Vigorous, pyramidal; valuable for contrasts.

6 to 7 feet . . . . . . $1.50 each, $15 per doz.

var. Schwedleri. PURPLE NORWAY MAPLE. (M) The gleaming red and purple tints of its young leaves and shoots contrast brightly with the delicate green of spring. At maturity they are a purplish green, in autumn of pure golden tints and shades.

6 to 8 feet . . . . . . $1.75 each, $18 per doz.

A. Pseudo-platanus. SYCAMORE MAPLE. (L) A broad, handsome tree that grows quickly; has larger, darker leaves than the other Maples.

	EACH	DOZ.
6 to 8 feet	$0 75	$7 50
8 to 10 feet	1 25	12 00
12 to 14 feet, 1½ to 2 in. cal. . .	2 00	

Prices on larger trees upon request.

A. rubrum. RED OR SCARLET MAPLE. (L) A native species, with fine rounded head, beautiful red blossoms and fruit in spring. Gorgeous autumnal foliage. Thrives in low or damp places.

	EACH	DOZ.
5 to 6 feet	$0 75	$7 50
6 to 7 feet	1 00	9 00

A. saccharinum. SUGAR OR ROCK MAPLE. (L) Much used for shade in lawn and park plantings. It is pyramidal in form and thrives in almost every soil; with age it grows into a straight, symmetrical tree of grand proportions. This Maple has a brilliant autumn coloring, neat and attractive habit and is used in solitary or group planting. It makes a handsome avenue tree and is also popular for that purpose. We have a splendid stock of thrifty young trees.

	EACH	DOZ.
6 to 8 feet	$0 75	$7 50
8 to 10 feet	1 00	10 00
11 to 13 ft., 1¼ to 1½ in. cal., splendid trees	1 50	15 00
14 to 18 feet, 1¾ to 2 in. cal. . . .	2 50	24 00
18 to 24 feet, 2 to 3 in. cal. . . .	3 50	36 00

Prices on large selected specimens upon request.

A. Tataricum Ginnala. SIBERIAN MAPLE. (D) A graceful shrub with handsome leaves that turn a beautiful red in early autumn. It is very useful for foliage effects and splendid for mass and bank planting. Individually it makes a neat little tree. A strong grower and perfectly hardy.

	EACH	DOZ.
3 to 4 feet	$0 40	$3 50
4 to 5 feet, heavy	75	6 00
5 to 6 feet, heavy	1 00	9 00

The Japanese Maples

These represent the highest development of complex, vivid beauty in hardy trees and shrubs. They are small and bush-like in growth, and leaves delicately cut and oddly formed or brightly colored.

They are invaluable in all landscape work, and adapted for plantings in front of evergreen borders, or in groups for color effect or for individual planting in prominent places. They are reliably hardy in all but the coldest sections of the United States. Transplant easily and mature quickly.

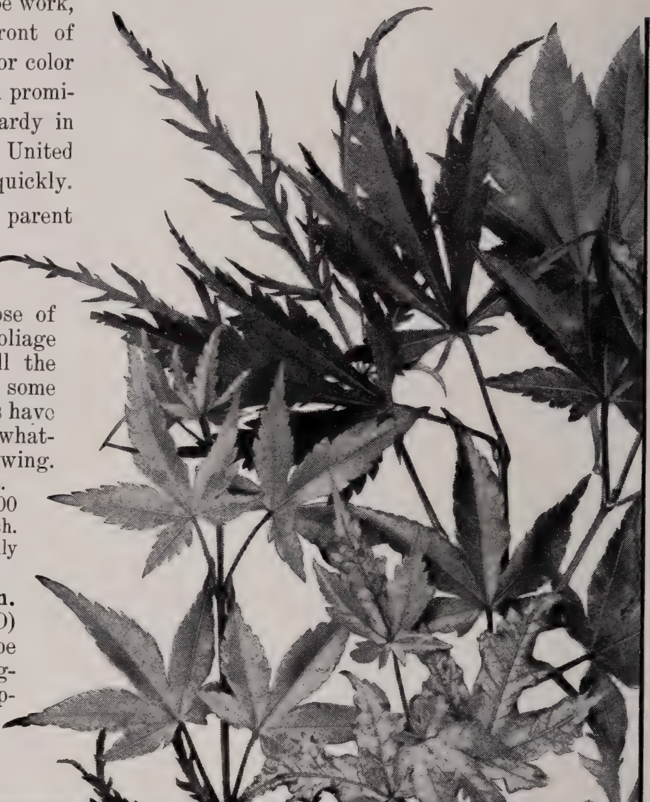
Acer polymorphum. (D) This is the parent of most of the other varieties. It is the tallest grower and as hardy as any. The small green leaves are not cut so deeply as those of some kinds. It has bright green foliage in spring and summer, and in fall the leaves are often of different shades, some scarlet, some yellow, and some trees have both tints upon their foliage. But whatever color it is there is a gorgeous showing.

	EACH	DOZ.
- 2 to 3 feet	$1 00	$10 00
5 to 6 feet	$2 to $3 each.	

4 to 6 feet. A few exceptionally heavy plants, $4 to $6 each.

var. sanguineum, var. crispum. BLOOD-LEAVED JAPAN MAPLE. (D) This variety has leaves similar in shape to the above, purple in spring, changing as the season advances to a coppery hue in the fall. One of the best varieties.

3 to 4 feet, bushy speci., $5 each.



JAPANESE MAPLES, VARIETIES OF FOLIAGE ABOVE

NEW IMPORTATION OF JAPANESE MAPLES

Early in the spring (1906) we expect a consignment of these Maples from Japan. The stock has been represented to us as strictly first-class and true to name. We shall offer it upon arrival and sell it under the names we have purchased it under, but until we have had a year to grow this stock in our nurseries to see that it is true to name, we shall not hold ourselves in any way responsible for the nomenclature. The varieties are as follows:

Acer polymorphum, var. atropurpureum. (D) A blood-leaved sort that holds its dark coloring throughout the season.

	EACH	DOZ.
2 to 3 feet	$1 25	$12 00
3 to 4 feet	2 50	24 00

var. dissectum. (V. D) This is a low, spreading form with very deep and delicately cut green leaves. Used at the front of collections or as an individual. As this is more dwarf than the other kinds, our plants will probably not be as large.

	EACH	DOZ.
First size	$2 50	$24 00
Second size	1 25	12 00

var. dissectum purpureum. (V. D) A purple-leaved form of the above.

	EACH	DOZ.
First size	$2 50	$24 00
Second size	1 25	12 00

var. nigrum. (D) The young twigs are almost black, the foliage dark purple and more constant than the others sorts.

	EACH	DOZ.
2 to 3 feet	$1 25	$12 00
3 to 4 feet	2 50	24 00

Æsculus · Horse-Chestnuts

As ornamental flowering trees the Horse-chestnuts deserve more appreciation. Suitable for shade and avenues. They curiously unfurl their leaflets in early spring and in May are covered with great spangles of flowers that contrast beautifully with their deep green foliage.

Æsculus Hippocastanum. (M) HORSE-CHESTNUT. The common white-flowering variety.

	EACH	DOZ.
8 to 10 feet	$1 50	$15 00
10 to 12 feet, 2½ to 3 in. cal.	2 50	24 00

var. rubicunda. RED HORSE-CHESTNUT. (M) Has bright red flowers.

5 to 6 feet . . . . $1 each, $12 per doz.

Ailanthus

Ailanthus glandulosa. CHINESE SUMAC, TREE OF HEAVEN. (L) A lofty, rapid-growing shade tree, with feathery tropical-looking foliage. It probably withstands the smoke and gases of cities better than any other tree.

8 to 10 feet . . . . . . 75 cts. each, $8 per doz.

Alnus · Alders

Alnus glutinosa. EUROPEAN, or COMMON ALDER. (L) This is a rapid-growing tree, having dull green foliage and catkins in early spring. It is particularly well suited for wet places, and will do well where many other trees fail. We recommend the Alders for sea-shore planting, believing them especially adapted for that use.

	EACH	DOZ.
6 to 8 feet	$0 75	$8 00
8 to 10 feet	1 00	9 00

A. incana. SPECKLED ALDER. (L) Much resembles the former in habit of growth and, while it too does well in moist places, it is also happy in dry and more meager soils.

	EACH	DOZ.
6 to 8 feet	$0 75	$8 00
8 to 10 feet	1 00	9 00

var. laciniata. (M) CUT-LEAVED ALDER. Fine, feathery foliage makes this tree more ornamental than the parent form.

5 to 6 feet . . . . . . 75 cts. each, $8 per doz.

Amygdalus

A name often applied erroneously to the Flowering Peach and Almond. See page 34.

Andromeda

Andromeda arborea; syn., **Oxydendrum arborea.** SORREL TREE. (D) A very ornamental little tree with handsome foliage that turns a brilliant crimson in autumn. Little panicles of small white flowers are borne in July.

2½ to 3 feet . . . . $1.50 each, $12.50 per doz.

Aralia

Aralia spinosa. HERCULES' CLUB. (S) The stout prickly stems, the large leaves, and the enormous clusters of white flowers give it a tropical effect. Good for poor soils.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
8 to 10 feet	1 00	10 00

CERTIFICATE OF INSPECTION

Our nurseries are annually inspected by the State authorities, and a CERTIFICATE OF INSPECTION as to healthfulness and freedom from disease accompanies every shipment of our stock.

Betula · The Birches

The Birches are distinguished for their elegant, graceful appearance, slender branches, light airy foliage and for the silvery white bark of some of the species. They endure a wide range of climatic conditions, and thrive not only in moist locations, but do well even in high, dry or stony places.

Betula alba. EUROPEAN WHITE BIRCH. (M) Very ornamental and especially desirable for planting along water edges. Of dark bark and erect growth when young, changing into a white bark tree with drooping branches.

	EACH	DOZ.
6 to 7 feet	$0 75	$7 50
7 to 8 feet	90	9 00
8 to 10 feet	1 25	12 00

var. fastigiata. PYRAMIDAL WHITE BIRCH. (M) Of compact, pyramidal habit, with silvery white bark; useful wherever a small columnar-shaped tree is needed.

6 to 8 feet . . . . $1 each, $10 per doz.

CUT-LEAVED WEEPING WHITE BIRCH

Betula alba, var. laciniata pendula. WEEPING CUT-LEAVED WHITE BIRCH. (M) A tall slender tree, acquiring with age a very graceful drooping habit and silvery white bark. The beautiful foliage is delicately cut and presents a fine feathery appearance. This tree is especially attractive and very desirable. It should be on every lawn. In some localities it has been used for avenue planting with marked success.

	EACH	DOZ.
8 to 10 feet	$1 50	$15 00
10 to 12 feet	1 75	18 00

var. pendula Youngii. YOUNG'S WEEPING BIRCH. (S) In character resembling the Weeping Birch. Distinct in habit, and useful in collections or as a specimen.

	EACH	DOZ.
5 to 6 feet	$1 50	$15 00
6 to 8 feet	2 00	20 00

var. purpurea. PURPLE BIRCH. (M) Purple leaves and white bark.

	EACH	DOZ.
4 to 5 feet	$1 00	$10 00
10 to 12 feet	2 00	18 00

B. lenta. SWEET, BLACK, or CHERRY BIRCH. (M) Our common woods tree, with aromatic bark that is edible.

6 to 8 feet . . . . . . 75 cts. each, $8 per doz.

B. lutea. YELLOW BIRCH. (M) This Birch makes a shapely, handsome tree, with bronze-colored bark. It will grow almost anywhere and should be included in collections of desirable trees.

6 to 8 feet . . . . . . 75 cts. each, $8 per doz.

B. nigra; syn., rubra. RED BIRCH. (L) The familiar Birch, with torn and ragged bark, that can often be seen along the banks of streams. It is a graceful, moisture-loving tree that should be in all lowland plantings.

	EACH	DOZ.
6 to 8 feet	$0 75	$8 00
8 to 10 feet	1 00	10 00
10 to 12 feet	1 25	12 00

B. papyrifera. PAPER, or CANOE BIRCH. (M) Tall and exceedingly handsome, with very white bark and loose, graceful head when older.

	EACH	DOZ.
6 to 8 feet	$0 75	$8 00
8 to 10 feet	1 00	10 00
10 to 12 feet	1 50	15 00

Carpinus

Carpinus Betula. EUROPEAN HORNBEAN. (S) A compact little tree with twiggy branches. Like the Beech, its dry leaves cling on a long time. Valuable for shady places and for hedges.

3½ to 4½ feet . . . . 50 cts. each, $4.50 per doz.

Prices for 100 and over, upon application

The Catalpas

These are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves are large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesting. They do well in exposed situations and meager soils. Popular in commercial and ornamental plantings.

Catalpa Bungei. CHINESE CATALPA. (D) A curious dwarf tree, with a globular head measuring 8 to 10 feet in diameter. Top-grafted on tall stems, it is as effective for lawn and terrace decorations as the tender and more expensive bay trees. Quite hardy, most distinct and desirable for lawn planting. We offer some magnificent large specimens.

	EACH	DOZ.
5 to 7 feet, 1 year, grafted heads	$1 00	$10 00
6 to 8 feet, 2-year, grafted heads	2 00	18 00
Specimens, grafted, 6 to 8 feet high; heads 5 to 7 feet broad, stems 2½ to 3 in. cal.	$5 to 8 00	

C. speciosa. WESTERN CATALPA. (M) Ornamental as a flowering tree, and durable as timber. It is much valued in the central states, and largely grown there. Tall, hardy, quick of growth, and thrives in almost any soil; most hardy of the Catalpas.

	EACH	DOZ.
6 to 8 feet	$0 50	$5 00
8 to 10 feet	75	8 00
10 to 12 feet, 2 to 2½ in. cal.	1 50	15 00

Celtis

Celtis occidentalis. NETTLE TREE, or HACKBERRY. (L) An ornamental tree of the first magnitude, with wide spreading branches and light green foliage. Not unlike the Elm in general appearance. Grows in almost any soil and transplants easily.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
5 to 6 feet	75	7 00

Cerasus · Flowering Cherries

At the beginning of summer these trees are buried under a wealth of bloom, which is strung all along the branches. They have good dense foliage, and, with the exception of the dwarf varieties, make desirable shade trees.

Cerasus Avium, var. alba pleno. LARGE DOUBLE-FLOWERING CHERRY. (M) White flowers.

5 to 6 feet . . . . $1 each, $10 per doz.

C. rosea pendula. JAPANESE WEEPING CHERRY. (D) A compact, weeping tree, that makes beautiful lawn specimens and is so small that it can be used in very limited areas. The drooping branches almost meet the ground, and when in May they are hung with innumerable delicate pink flowers, there is nothing that surpasses it in beauty. At other seasons the foliage is good and the tree altogether sightly.

Cerasus rosea pendula, continued

5 to 6 ft., 2-yr. grafted heads, $1.75 ea., $18 per doz.

C. Padus; syn., Prunus Padus. EUROPEAN BIRD CHERRY. (S) Drooping racemes of white flowers in spring, followed by black fruits.

3 to 4 feet . . . . . . 50 cents each, $5 per doz.

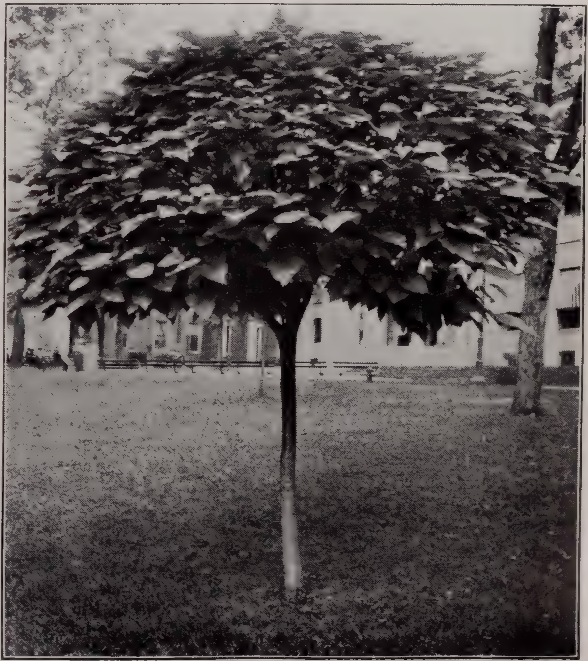
C. serotina. WILD BLACK CHERRY. (M) Its flower-racemes are white and fragrant, its leaves glossy, and its fruits black. This is one of the most ornamental of our native trees, and deserves more general appreciation.

	EACH	DOZ.
10 to 12 feet, 2 to 2½ in. cal.	$1 50	$15 00
12 to 14 feet, 2½ to 3 in. cal.	2 50	24 00

Cercidiphyllum

Cercidiphyllum Japonicum. (S) Among the best Japanese introductions. Handsome, heart-shaped foliage that turns a brilliant yellow and scarlet in the fall. Rapid grower of pyramidal habit and healthy, attractive appearance. Desirable planted either individually or collectively.

	EACH	DOZ.
5 to 6 feet	$0 75	$7 50
6 to 7 feet	1 00	9 00



CATALPA BUNGEI. A sample of the size and quality of our $5 to $8 trees

CORNUS FLORIDA IN THE SPRING

Cercis · Judas, or Red Bud

Very early in spring the leafless branches and twigs of these trees are clothed in a thick mist of delicate deep pink flowers. Planted among other early-blooming trees they produce fine effects, or as single specimens are beautifully attractive. Their radiant flower-masses are followed by glossy foliage.

Cercis Canadensis. AMERICAN RED BUD. (D) Small, rapid-growing, round-headed tree or bush.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

Cercis Japonica. JAPAN JUDAS. (V D) More dwarf, larger and more brilliant flowers.

	EACH	DOZ.
2 to 3 feet	$0 50	$4 50
3 to 4 feet, heavy clumps	1 00	9 00

Cladrastis

Cladrastis tinctoria; syn., **Virgilia lutea.** YELLOW WOOD. (S) A pretty little tree, with smooth; light bark and graceful branches, that bear drooping racemes of sweet-scented, white wistaria-like flowers in June.

	EACH	DOZ.
5 to 6 feet	$0 75	$7 50
6 to 8 feet	1 00	10 00

Cornus · Dogwood

SEE, ALSO, SHRUBS

Cornus florida. WHITE DOGWOOD. (S) Of inestimable value in landscaping. The white-petaled flowers cover the tree in early spring. The deep crimson autumn leaves rival in brilliancy the scarlet oak. For planting in quantity with shrubs, for screens, or under and among larger trees, nothing is finer.

	EACH	DOZ.
2½ to 3 feet	$0 50	$4 50
3 to 4 feet	75	7 00
4 to 5 feet, very fine	1 00	10 00
5 to 6 feet, very fine	1 25	12 00
6 to 7 feet, very fine	1 50	15 00
12 to 14 ft., 2½ to 3 in. cal. specimens	6 00	45 00

Cornus florida, var. pendula. (D) A weeping form of the above, with similar flowers.

4 to 5 feet . . . . $3 to $4 each

var. rubra. RED-FLOWERING DOGWOOD. (D) This tree possesses the many good qualities of its parent, *Cornus florida*, and resembles it in all but the flowers, which in this case are a beautiful shade of pink. One of the best of recent novelties.

	EACH	DOZ.
2 to 3 feet	$1 00	$10 00
3 to 4 feet	1 50	15 00
4 to 5 feet	2 00	20 00

Cratægus · Thorn

The Thorns are all strong, hardy growers in almost any soil or climate. They make dense, bushy shrubs or little trees, and are particularly bright and attractive when the autumn foliage changes to brilliant colors. They flower abundantly in May and June, and are fragrant and showy. They occupy but little space and can be used in small areas. Some varieties have very ornamental fruits which make pleasing fall and winter decorations. Most kinds are capable of being sheared and may be trained into thick, dense hedges, which their thorns make almost impenetrable.

Cratægus cordata. WASHINGTON THORN. (D) A desirable species flowering in June, coloring brightly in the fall, and hung with red fruit well into winter. Grows easily, is hardy, and useful as specimens, for grouping and hedging.

4 to 5 feet . . . . . 75 cents each, $8 per doz.

C. Crus-Galli. COCKSPUR THORN. (D) Neat in appearance, strong growth ; very hardy, and much used for hedging and grouping. The thorny branches grow out horizontally. The leaves color brilliantly in autumn. Bright scarlet or orange-colored fruits.

	EACH	DOZ.
- 2½ to 3 feet, very heavy	$0 50	$4 50
3 to 4 feet, very heavy	75	7 00
4 to 5 feet, very heavy	1 00	9 00

C. Oxyacantha. ENGLISH HAWTHORN. (V D) A little tree or bush with spreading branches and stout spines. It is familiar in most English gardens and very desirable here. Clusters of fragrant single white flowers that resemble little roses.

5 to 6 feet . . . . $1 each, $10 per doz.

var. alba flore pleno. DOUBLE WHITE HAWTHORN. (D) A little tree that differs from the foregoing only in having double instead of single flowers.

5 to 6 feet . . . . $1 each, $10 per doz.

var. coccinea flore pleno. PAUL'S DOUBLE SCARLET THORN. (D) A new sort that has fine double crimson flowers. A tree that is most conspicuous when in full bloom and a sight not easily forgotten.

4 to 5 feet . . . . $1 each, $10 per doz.

var. rosea flore pleno. DOUBLE PINK HAWTHORN. (D) Of the same general habit as the other varieties of *Crataegus Oxyacantha*, with fragrant, double rose-colored flowers.

5 to 6 feet . . . . $1 each, $10 per doz.

WEEPING CHERRY AND EVERGREENS, FURNISHED AND ARRANGED BY US (See page 27)

We have unexcelled shipping facilities at Trenton, N. J., where we have direct communication with all points and enjoy the benefits of quick service and low rates, afforded by competing freight and express companies.

Fagus · The Beeches

These are among the most attractive, ornamental trees for lawn or park plantings. They are useful for avenues, high screens or as specimens. Hardy, and rarely subject to insect ravages. The deep, dark red leaves of the Purple variety, the delicately cut foliage of the Fern-leaved, and the grotesqueness of the Weeping Beech are characteristics meriting their more general use. Like other hard-wood trees, they require pruning when planted.

Fagus ferruginea. AMERICAN BEECH. (L) Our noble forest native, with light gray bark and symmetrical head.

	EACH	DOZ.
5 to 6 feet	$1 50	$15 00
6 to 8 feet	2 00	18 00
8 to 10 feet	4 00	

F. sylvatica. EUROPEAN BEECH. (L) A compact, long-lived tree. The foliage is dense and darker green than the American Beech. The dead leaves hang on all winter and make this one of the very best trees for screens and hedges to shut off unsightly objects. It is also appropriate for individual planting. Grows easily in almost any place.

	EACH	DOZ.
5 to 6 feet, low branched	$1 00	$10 00
6 to 8 feet, " "	1 25	12 50
8 to 10 feet, " "	2 00	18 00
10 to 12 feet, " "	3 00	30 00

Price on large specimens upon request.

var. heterophylla. FERN-LEAVED BEECH. (S) A small tree that is very ornamental with its deep, delicately cut foliage.

	EACH	DOZ.
4 to 5 feet	$2 50	$24 00
5 to 6 feet	3 00	30 00

WEEPING BEECH IN A PLANTING ARRANGED BY OUR LANDSCAPE DEPARTMENT

Fagus sylvatica, var. pendula. WEEPING BEECH. (M) A remarkably vigorous tree, of curious, picturesque growth. Its twisting, gnarled and contorted downsweeping branches resemble rich fountains of foliage, and make it indispensable as a specimen or in breaking up the regular outline of other trees. One of the most charming weeping trees in cultivation.

	EACH	DOZ.
4 to 5 feet	$2 50	$24 00
10 to 12 feet, specimens	5 00	

var. purpurea. PURPLE, or COPPER BEECH. (L) A strong, vigorous tree of elegant habit, useful for contrasting effects, with attractive foliage changing from deep purple in spring, through crimson in summer to purplish green in fall.

	EACH	DOZ.
5 to 6 feet	$1 50	$15 00
8 to 12 feet	$4 to 6 00	

F. Riversii. RIVERS' PURPLE BEECH. (L) The finest of all purple-leaved trees. When a large-growing tree with purple foliage is wanted, nothing equals this. Though it varies in intensity of color from early spring until late fall, the leaves are always a rich shade, sometimes crimson and sometimes almost black.

	EACH	DOZ.
4 to 5 feet	$1 75	$18 00
6 to 7 feet	2 50	24 00

Fraxinus · Ash

Desirable shade trees for parks or lawns, with large, open spreading heads and light airy foliage.

Fraxinus alba. AMERICAN WHITE ASH. (L) This grand old native is quick of growth, with massive trunk and broad spreading limbs. It is valued for timber, shade or street planting.

	EACH	DOZ.
6 to 8 feet	$0 75	$6 00
8 to 10 feet	1 25	9 00
10 to 12 feet, 2 to 2½ in.	1 50	15 00

F. excelsior. EUROPEAN ASH. (M) Taller and more rounded than the American, with larger, darker leaves, which remain on the tree late into

Fraxinus excelsior, continued

the fall. Distinguished by its black buds. It thrives in moist ground.

	EACH	DOZ.
8 to 10 feet	$1 00	$9 00
10 to 12 feet, 2 to 2½ in.	1 50	15 00

F. excelsa, var. pendula. WEEPING ASH. (M) An odd tree with low head of long, horizontal and drooping branches. Makes a unique appearance when planted individually about the lawn.

	EACH	DOZ.
5 to 7 feet, 2-year heads	$1 50	$15 00
7 to 9 feet, large heavy heads	2 50	

F. Ornus. EUROPEAN FLOWERING ASH. (S) A small ornamental tree that bears great masses of fringe-like flowers in June, filling the air with a sweet fragrance.

7 to 8 feet . . . . . 75 cents each, $8 per doz.

F. nigra ; syn., **sambucifolia.** BLACK ASH. (L) A medium tall tree, hardy as far north as Canada, with elegant foliage. Forms a broad, open head. A desirable shade tree.

	EACH	DOZ.
6 to 8 feet	$0 75	$7 00
12 to 14 feet	1 25	12 00
14 to 16 feet, 1¾ to 2½ in.	1 50	15 00

Gingko · Maidenhair Tree

See Salisburia

Gymnocladus

Gymnocladus Canadensis. KENTUCKY COFFEE TREE. (M) An odd tree of medium size, with narrow, pyramidal head. Its branches are blunt and twigless, and the feathery bluish green foliage gives it a tropical aspect. Has white flower-panicles that are followed by large seed-pods. Is remarkably free from the ravages of insects. Withstands well adverse conditions; is ornamental and desirable.

	EACH	DOZ.
6 to 7 feet	$0 75	$7 50
7 to 8 feet	1 00	9 00

Koelreuteria

Kœlreuteria paniculata. JAPANESE VARNISH TREE. (S) A small tree, attractive at all seasons, especially when covered with panicles of showy yellow flowers a foot long. A desirable addition on any lawn.

4½ to 5 feet . . . . . 75 cents each, $7 per doz.

Larix · Larch

Larix Europaea. EUROPEAN LARCH. (M) A conifer with deciduous needle-like leaves; bright green very early in spring and clear yellow in autumn. A pyramidal tree with graceful branches. Particularly desirable for lawn planting. Can also be used as an avenue tree. It is just the thing to give quick results, as it grows so rapidly.

	EACH	DOZ.
4½ to 5 feet	$0 60	$6 00
5 to 6 feet	75	7 50

Liquidambar

Liquidambar styraciflua. SWEET GUM. (M) A native tree of rapid growth. It is of medium height, has a narrow pyramidal head, is hardy and grows well in either dry or damp soil. The bark is corky, and the beautiful glossy green star-shaped leaves make a cooling shade in summer, but in autumn its brilliant foliage presents varying colors of bright red to the darkest crimson. Admired on any lawn.

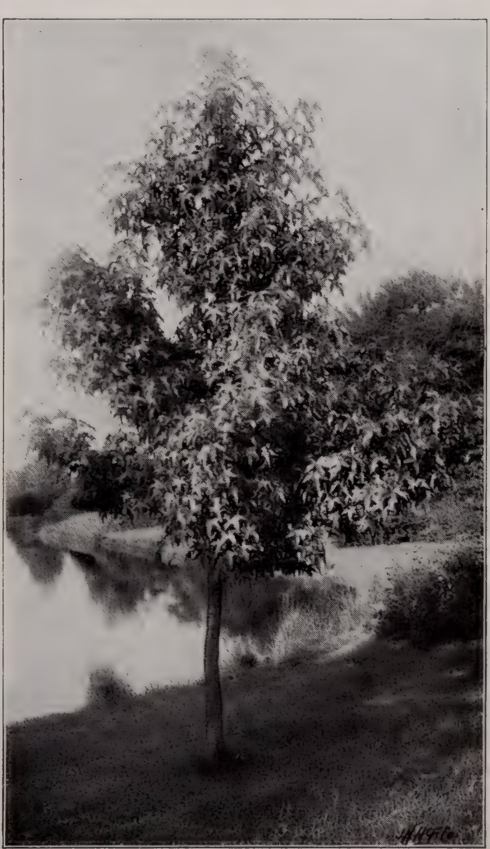
	EACH	DOZ.
4 to 5 feet	$0 75	$7 00
5 to 6 feet	1 00	9 00

Liriodendron

Liriodendron Tulipifera. TULIP TREE. (L) A grand native tree of rapid growth, that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green, glossy and dense. After attaining maturity the tree flowers freely in June, producing numbers of creamy yellow fragrant tulip-like flowers.

	EACH	DOZ.
4 to 5 feet	$0 75	$7 50
5 to 6 feet	1 00	9 00
6 to 8 feet	1 25	12 00

Prices on a few large specimen trees upon request.



LIQUIDAMBAR (SWEET GUM)

The Magnolias

Their lavish profusion of large and beautiful flowers, their fragrance, richness of foliage and stately, tropical aspect place the Magnolias easily first among flowering trees. Planted in groups, their spring inflorescence is grand beyond description ; as lawn specimens or against an evergreen foil their large, glossy foliage and shapely outline make them beautiful anywhere. They thrive in any good soil, but like best one that is warm, rich and moderately moist. Plant in spring to insure best results.

AMERICAN SPECIES AND VARIETIES

Magnolia acuminata. CUCUMBER TREE. (L) This tallest species is a fine pyramidal tree attaining a height of 60 to 90 feet. The fruit-cones are cucumber-shaped, turning crimson in autumn. A fine avenue tree.

5 to 6 feet . . . . $1 each, $10 per doz.

M. glauca. (S) The native "Sweet Bay" of our swamps, whose fragrant white flowers in June are much admired. Its glossy laurel-like leaves are almost evergreen.

2 to 3 feet . . . . $1 each, $10 per doz.

M. grandiflora. EVERGREEN MAGNOLIA. (M) This broad-leaved southern evergreen flourishes in sheltered places as far north as Pennsylvania. Its flowers are deep, broad cups of waxen white ; they are deliciously fragrant, and begin to appear while the tree is quite young.

18 to 24 inches . . . . . . $2 each, $21 per doz.

M. tripetala. UMBRELLA TREE. (M) A hardy, rapid-growing tree of medium size. The head is open, the leaves are large and disposed in whorls about the branches, producing a tropical effect. Its showy white flowers are frequently 6 inches in diameter, followed by crimson fruit-pods of striking beauty.

	EACH	DOZ.
8 to 10 feet	$1 25	$12 00
10 to 12 feet	1 50	15 00

ORIENTAL SPECIES AND THEIR HYBRIDS

These are more dwarf in habit than the American varieties. They readily assume bush form, though frequently attaining a height of 20 to 30 feet. They bloom profusely in April and May, just before their leaves appear.

M. conspicua. CHINESE WHITE MAGNOLIA. (S) A small tree ; deep cup-like waxy flowers thickly cover it in April before the leaves appear, and make it an ornament to any lawn.

	EACH	DOZ.
2 to 2½ feet, shipped with ball . .	$2 00	$20 00
2½ to 3 feet, shipped with ball . .	2 50	24 00

M. Kobus. THURBER'S MAGNOLIA. (S) This bushy tree has small, fragrant, creamy white flowers that appear with those of the variety Conspicua. We have some splendid American-grown trees.

	EACH	DOZ.
3 to 4 feet, very bushy	$2 00	$18 00
4 to 5 feet, very bushy	2 50	24 00

AVENUE OF MAGNOLIAS. (This is one of the Oriental varieties)

Magnolia Lennei. LENNE'S MAGNOLIA. (S) This remarkable tree blooms in May and frequently again in late summer. Its flowers are dark rose without and pearly white within. It is a strong grower.

	EACH	DOZ.
3 to 4 feet	$2 00	$18 00
4 to 5 feet	2 50	24 00

M. Soulangeana. SOULANGE'S MAGNOLIA. (S) Among the hardiest and finest of the foreign varieties. The large purple and white flowers, borne a little later than those of Conspicua, are attractive anywhere.

	EACH	DOZ.
3 to 4 feet,	$1 75	$18 00
4 to 5 feet,	2 00	21 00
5 to 6 feet,	3 00	30 00

(The above shipped with ball).

M. stellata; syn., **Halleana.** HALL'S JAPANESE MAGNOLIA. (V D) Dwarf and bushy. It blooms earlier than any other variety, and its semi-double, white, starlike flowers are delicate and fragrant. A striking novelty where early bloom is desirable.

	EACH	DOZ.
2 to 2½ ft.,	$1 75	$18 00
2½ to 3 ft.,	2 25	24 00

Morus · Mulberries

Birds are passionately fond of Mulberries, and gather through the summer in great numbers to enjoy their sweet fruits. By planting these trees the naturalist may draw his feathered friends about him. Their characteristics are hardiness to withstand cold, drought and neglect. Graceful and beautiful trees with oddly cut foliage.

Morus alba, var. New American. (S) A broad, bushy-headed tree that is an improved form of our common native Mulberry. The black fruits are borne profusely and are very sweet.

	EACH	DOZ.
5 to 6 feet	$0 50	$5 00
6 to 8 feet	75	6 00

M. nigra, var. Tatarica. RUSSIAN MULBERRY. (S) Bears large crops of small fruits.

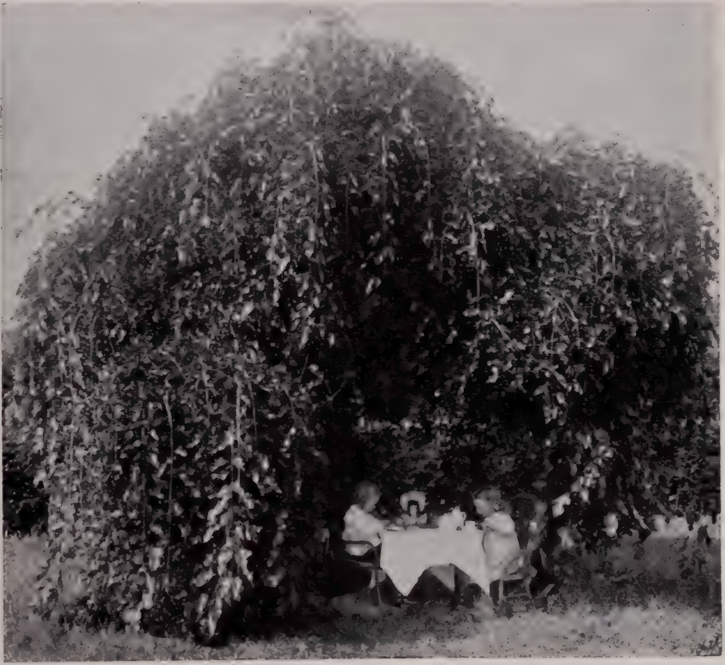
5 to 6 feet . . . . . . 50 cts. each, $5 per doz.

var. Tatarica pendula. TEAS' WEEPING MULBERRY. (D) Requires but two or three years to develop into a handsome weeping tree that will ornament any lawn. The pendulous branches sweep the ground in shining lengths. One of the best weeping trees in cultivation.

	EACH	DOZ.
5 to 7 feet, 2-year heads	$2 00	$18 00
5 to 7 feet, large heads	$3 to 5 00	

Morus rubra, var. Downing's Everbearing. (S) This variety has very large leaves that are quite ornamental. The fruit is large, black and rich in flavor.

	EACH	DOZ.
5 to 7 feet	$0 40	$4 00
6 to 8 feet, heavy	50	5 00
Heavier trees	75	6 00



TEAS' WEEPING MULBERRY

Nyssa

Nyssa sylvatica; syn., **N. multiflora.** SOUR GUM. (M) A native tree that is very hardy and not particular about the soil it has to grow in, though it is especially fond of damp, swampy places. The small, dark, glossy green leaves are bright and attractive. They are among the first to change their color in the fall and are most gorgeous in their brilliant scarlet coloring, which is as bright as any tree we know of. They are rather hard to transplant and should be cut back when moving.

4 to 5 feet . . . . . . $1.25 each, $12 per doz.

Paulownia

Paulownia imperialis. EMPRESS TREE. (S) This is an odd-looking tree, with immense leaves that often measure 18 inches across, and in June bears long panicles of purplish flowers. If cut back to the ground each year, the roots send up rapid-growing branchless trunks that produce a unique and tropical effect.

6 to 8 feet . . . . $1 each, $9 per doz.

AVENUE OF ORIENTAL PLANE TREES IN FAIRMOUNT PARK, PHILADELPHIA

Persica · Peach

Little trees that wrap themselves in rich clouds of fragrant bloom early in spring. They mature rapidly and very much resemble the fruit-bearing peaches.

Persica vulgaris, var. alba plena. DOUBLE WHITE-FLOWERING PEACH. (D)

4 to 5 feet . . . . . 75 cents each, $6 per doz.

var. rosea plena. DOUBLE PINK-FLOWERING. (D)

3 to 4 feet . . . . . 50 cents each, $5 per doz.

var. sanguinea plena. DOUBLE RED-FLOWERING. (D)

3 to 4 feet . . . . . 50 cents each, $5 per doz.

var. foliis purpureis. PURPLE-LEAVED PEACH. (D) The new foliage is a deep purple. Single rose-colored flowers.

9 to 10 feet . . . . . 75 cents each, $7 per doz.

Phellodendron

Phellodendron Amurense. CHINESE CORK TREE. (M) A tropical-looking tree with long pinnate foliage, similar to that of an Ailanthus. It is hardy as far north as Massachusetts, grows rapidly when young, forms a low round head. It is quite rare, and withstands heat and drought. It is valued as a specimen, and has been suggested as an avenue tree.

6 to 8 feet, 1½ to 2 in., $1.25 each, $12 per doz.

Platanus · Plane or Buttonwood

The Platanus is among our tallest trees, grows rapidly into massive proportions, is hardy, and remarkably free from disease. It is a great favorite for streets, parks or lawns, does well in most soils, withstands the smoky atmosphere of cities and thrives near the seashore.

Platanus occidentalis. BUTTONWOOD. (L) Our grand native sort, which grows to majestic size and is so conspicuous in winter with its gray-white bark.

	EACH	DOZ.
10 to 12 feet, 1½ to 2 in. cal. . .	$1 50	$15 00
16 to 18 feet, 3 to 4 in. cal., handsome specimens	$5 to 6 00	

P. orientalis. ORIENTAL PLANE. (L) Similar to above, but a cleaner tree and a better grower. It is popular in all landscape work.

	EACH	DOZ.
10 to 12 feet, 1½ to 2 in. cal. . .	$1 50	$15 00
12 to 14 feet, 1¾ to 2½ in. cal. . .	2 00	
14 to 16 feet, 2 to 2½ in. cal. . .	2 50	

Prices on a few larger trees on request.

Populus · The Poplars

These trees grow fast, are quickly effective and cheap. They thrive in almost any soil, and withstand well the smoke and gases of city streets, and the heavy winds of our coasts. Where quick shade or temporary effects are desired, Poplars are much used.

Populus alba, var. Bolleana. BOLLE'S POPLAR. (L) In habit resembles the Lombardy Poplar, but leaves are silvery white beneath.

10 to 12 feet . . . . . $1.50 each, $15 per doz.
Prices on a few larger sized trees upon request.

P. balsamifera. BALSAM POPLAR. (M) A rapid grower of spreading pyramidal form, with glossy green leaves.

7 to 8 feet . . . . 75 cents each, $7.50 per doz.

P. monilifera; syn., **deltoides.** CAROLINA POPLAR. (M) The heart-shaped leaves are glossy and fresh-looking. Withstands well conditions under which many trees die. Largely planted in cities, and for quick effect about new buildings. It is a sure and rapid grower.

	EACH	DOZ.
-7 to 8 feet	$0 50	$5 00
8 to 10 feet	75	7 00
12 to 14 feet	1 25	12 00
14 to 16 feet	1 50	15 00

var. Van Geertii. VAN GEERT'S GOLDEN POPLAR. (M) Bright golden yellow foliage, that is desirable for contrasts.

	EACH	DOZ.
6 to 8 feet	$0 50	$5 00
12 to 14 feet	1 00	9 00

P. nigra, var. fastigiata. LOMBARDY POPLAR. (L) A tall, columnar form, that is in contrast to the more rounded outline of other trees. It branches from the ground, and is much used where a tall hedge is wanted as a screen. Especially valued for formal effects.

	EACH	DOZ.
-6 to 8 feet	$0 60	$6 00
8 to 10 feet	1 00	10 00
14 to 16 feet, 1½ to 1¾ in. cal.	2 00	18 00

P. trichocarpa. (M) A rapid-growing new variety, with heavy glossy leaves that have a silvery under surface.

8 to 10 feet . . . . 75 cents each, $7.50 per doz.

Prunus

Prunus Pissardi. PURPLE-LEAVED PLUM. (D) A neat little tree of quick growth, that is valued especially on account of its rich, dark purple leaves that do not fade through the summer and are bright and lustrous until they drop in the fall. On account of the odd and beautiful foliage, this Prunus is used extensively to produce color contrasts in all landscape plantings. It is valuable in open or mass work, and is just the thing for color effects in shrubbery borders. In April, before the leaves appear, small pinkish white flowers line the branches in great profusion and make this one of the most ornamental of plants.

Prunus Pissardi, continued

	EACH	DOZ.
3 to 4 feet	$0 50	$4 50
4 to 5 feet	75	6 00
5 to 6 feet	1 00	9 00

P. triloba. DOUBLE-FLOWERING PLUM. (D) May. A strong-growing, hardy shrub, with delicate pink, double flowers and slender branches. Very ornamental.

3 to 4 feet . . . . . 50 cents each, $5 per doz.

Ptelea · Hop Tree

Large shrubs or small trees, with bright shining leaves and clusters of white flowers in June, that are succeeded by an abundance of Hop-shaped seed-vessels that hang on for a long time. Quite hardy; grows easily. Ornamental as a specimen or in connection with other plants.

Ptelea trifoliata. (D) Green leaves.

4 to 5 feet . . . . . 75 cents each, $6 per doz.

var. aurea. GOLDEN HOP TREE. (D) The bright golden leaves distinguish it from the above.

	EACH	DOZ.
3 to 4 feet	$0 50	$4 50
4 to 5 feet	75	6 00

Pyrus · Flowering Crab Apples

Hardy little flowering trees, that bloom abundantly in spring. Their double fragrant flowers are always enthusiastically remarked upon.

Pyrus angustifolia, var. Bechteli. BECHTEL'S DOUBLE-FLOWERING CRAB. (S) Bears masses of double, rose-like flowers of a delicate pink color and most delightful fragrance. Blooms when quite young.

	EACH	DOZ.
2 to 3 feet	$0 50	$5 00
3 to 4 feet	75	7 50

P. Parkmani. PARKMAN'S DOUBLE-FLOWERING. (S) A beautiful little tree, to be planted singly or in clusters about the lawn. At the close of April it sends forth clusters of dark rose-colored buds that open into beautiful little rosy white flowers of exquisite fragrance.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
4 to 5 feet	75	7 50

The price per doz. applies on purchases of from 6 to 50 of the same grade of any one plant. The price per 100 applies to purchases of from 50 to 250 of the same thing, and the price per 1,000 applies on larger quantities than 250.

PIN OAKS (*Quercus palustris*). See page 37

Quercus · The Oaks

"Strength, Solidity, Durability are Symbolized in the Oak"

These grand trees, possessing so many virtues, do not grow slowly, as is often supposed. Their great vigor and hardihood enable them to withstand the drought of hillsides and the caustic influence of sea spray. Their broad, spreading heads make them desirable shade trees for lawns, parks, public grounds and avenues. The brilliant autumnal coloring of some species is everywhere commented upon. Our Oaks are frequently transplanted, and when thus cared for are not difficult to establish. Prune severely when planting.

Quercus alba. WHITE OAK. (L) This well-known grand old forest tree is unsurpassed for ornamental purposes, when given space to develop. It has stout, spreading branches that form a broad, open head.

	EACH	DOZ.
5 to 6 feet	$1 00	$10 00
6 to 8 feet	1 50	15 00
8 to 10 feet	2 00	20 00
14 to 16 feet, 2¾ to 4 in. cal., specimens	from $4 to 10 00	

Q. bicolor. SWAMP WHITE OAK. (L) A medium-tall, round-topped, open-headed tree, with light gray bark. Attractive, and thrives well in either wet or dry situations. It is one of the best-growing and most desirable Oaks in cultivation.

	EACH	DOZ.
8 to 10 feet	$1 50	$15 00
10 to 12 feet, 1¾ to 2 in. cal.	2 00	20 00

Heavier trees, 2 to 2½ in. cal., $2.50 to $3.50 each.

Quercus Cerris. TURKEY OAK. (L) A fine Oak of pyramidal growth when young, developing into a broad, open-headed tree. The pinnatifid leaves remain green until heavy frost.

	EACH	DOZ.
12 to 14 feet, 1½ to 2 in. cal	$1 50	$15 00
14 to 16 feet, 2 to 2½ in. cal.	2 00	20 00

Q. coccinea. SCARLET OAK. (L) Tall, pyramidal, especially valued for the sparkling red of its autumn foliage.

	EACH	DOZ.
6 to 8 feet	$1 25	$12 00
8 to 10 feet	1 50	15 00
10 to 12 feet, 1½ to 2 in cal.	3 00	

Q. macrocarpa. MOSSY-CUP OAK. (L) Of massive open growth, with large, heavy leaves and deeply corrugated bark. The cups of the large acorns are curiously fringed with gray moss. Among the noblest of all the species.

	EACH	DOZ.
6 to 8 feet	$1 50	$15 00
10 to 12 feet, 1½ to 2 in. cal.	2 00	

Quercus palustris. PIN OAK. (L) A tree of especial grace and beauty; the most popular of all Oaks; unsurpassed as lawn specimens, admired for avenues, and withstands well the unnatural conditions of our cities. As the tree grows the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the fall. We have a large stock of these desirable trees that have straight trunks, good heads, and have recently been transplanted.

	EACH	DOZ.
10 to 12 feet, 1½ to 2 in. cal. . .	$2 50	$24 00
14 to 16 feet, 2 to 2½ in. cal. . .	3 00	30 00
14 to 16 feet, 2½ to 3 in. cal. specimens	$3 50 to	5 00

Q. Phellos. WILLOW-LEAVED OAK. (L) A symmetrical, round-headed, fast-growing tree, of medium size, that is uncommon and ornamental. Prefers moist soils.

	EACH	DOZ.
6 to 8 feet	$1 50	$15 00
8 to 10 feet	2 00	21 00

Q. Prinus. CHESTNUT OAK. (L) Of tall, vigorous growth, with leaves shaped like a chestnut's. Native of dry situations.

	EACH	DOZ.
6 to 8 feet	$1 25	$12 00
8 to 10 feet	1 50	15 00
10 to 12 feet	2 00	21 00

Q. Robur. ENGLISH OAK. (L) Of moderate growth, with massive, spreading stature. Long-lived, with foliage that differs from our native sorts. A grand tree for lawns and public grounds.

	EACH	DOZ.
6 to 8 feet	$1 00	$9 00
8 to 10 feet	1 50	12 00
12 to 14 feet, 2 to 2½ in. cal. . . .	2 00	18 00
14 to 18 feet, 2½ to 3½ in. cal. . .	$2.50 to	4 00

var. fastigiata. PYRAMIDAL ENGLISH OAK. (M) A columnar tree with heavy green foliage. It is a splendid thing, especially for small areas and formal effects.

6 to 8 feet . . . . . . $2.50 each, $24 per doz.

Q. rubra. RED OAK. (L) A large native tree with deeply cut bright green leaves. It is a good grower and not particular about the soil. In autumn the foliage turns a rich, purplish crimson, that is scarcely surpassed in brilliancy by any other tree.

	EACH	DOZ.
5 to 6 feet	$0 75	$8 00
6 to 8 feet	1 25	12 50
8 to 10 feet	2 00	20 00

Prices on a few larger trees upon application.

Robinia · Locust

Robinia hispida. ROSE ACACIA. (V D) Usually a shrub, but our stock has been top-grafted on stems 3 to 4 feet high, and makes handsome little trees with small round heads. The branches closely resemble those of a moss rose, the leaves are similar to those of other Locusts. In June or July long panicles of rose-colored flowers hang from the branches.

4 to 6 feet, grafted tops . . . . . $1 each.

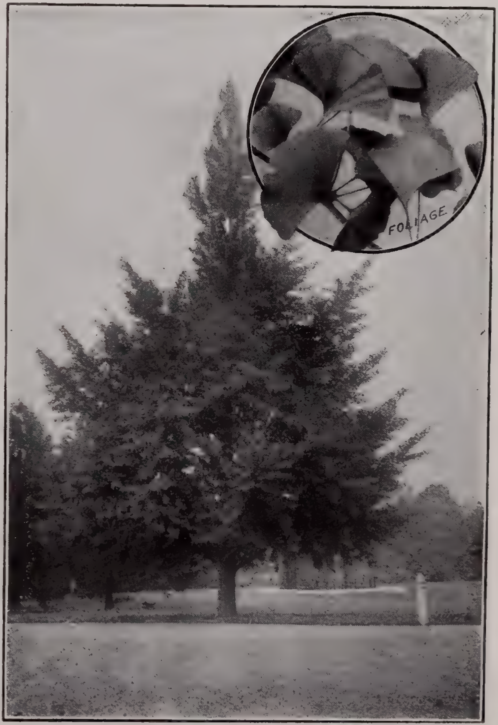
R. Pseudacacia. BLACK LOCUST. (L) A familiar tree of rapid growth that thrives in any place. The pinnate foliage is light and airy. In June the tree is fragrant with panicles of white flowers. Its durable timber, rapid growth and cheapness make it valuable for planting in fence rows.

	EACH	DOZ.
6 to 8 feet	$0 50	$5 00
12 to 14 feet	1 00	10 00

Salisburia

Salisburia adiantifolia. GINGKO, or MAIDENHAIR TREE. (M) Recently this tree has sprung into great popularity, and it merits the praise it receives. It is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair Fern. But its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds, and useful for street planting. Of medium height, pyramidal in growth, sparsely branched and of characteristic irregular outline.

	EACH	DOZ.
6 to 8 feet	$0 75	$8 00
8 to 10 feet, stocky	1 50	15 00
10 to 12 feet, stocky	2 00	21 00



SALISBURIA (GINGKO, OR MAIDENHAIR TREE)

Salix · The Willows

A large family of trees, which embraces varied forms, and includes some of our commonest and most ornamental trees. They are hardy throughout the temperate zone. Willows will grow almost anywhere and need not necessarily be planted beside streams and water ways, as is commonly supposed. They mature so quickly that they are very satisfactory to plant for quick effects. The golden bark varieties are especially interesting and attractive in winter when the leaves have left their brilliant branches.

WEEPING WILLOW

Salix alba; syn., **regalis.** (M) Upright habit, strong grower and very hardy. Slender, light gray branches, and narrow silvery gray leaves.

4 to 6 feet . . . . . 50 cts. each, $4.50 per doz.

S. Babylonica. WEEPING WILLOW. (M) This is the well-known Weeping Willow, whose long, pendulous branches droop so gracefully, and sway to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places.

8 to 10 feet . . . . $1 each, $9 per doz.
Prices on a few larger trees, 4 to 8 inch caliper, upon application.

var. dolorosa. WISCONSIN WEEPING WILLOW. (L) A strong-growing form very similar to the above but considered hardy further north.

10 to 12 ft., 2½ to 3½ in. cal., $2 each, $18 per doz.

Salix Caprea, var. pendula. KILMARNOCK WILLOW. (D) A curious umbrella-shaped form with silvery gray leaves. Our stock has been grafted on stems 4 or 5 feet in height and makes attractive little trees, covered in early spring with soft, fur-like catkins.

	EACH	DOZ.
4 to 5 feet, 2-year heads .	$1 25	$12 00
4 to 5 feet, 3-year heads .	1 50	15 00

S. elegantissima. THURLOW'S WEEPING WILLOW. (L) Similar to *S. Babylonica.* Equally strong a grower and considered more hardy north.

6 to 8 feet . . . 75 cts. each, $6 per doz.

S. incana; syn., **rosmarinifolia.** ROSEMARY WILLOW. (D) A handsome odd-looking tree, with rounded head, slender twigs and small silvery leaves.

	EACH	DOZ.
3 to 4 feet, bush form . .	$0 50	$5 00
5 to 6 feet, grafted heads .	1 00	10 00

S. laurifolia. See *S. pentandra* below.

S. pentandra. BAY, or LAUREL-LEAVED WILLOW. (S) Has narrow, dark green glossy leaves, that shine conspicuously in the sunshine. A strong grower at the seashore, along water edges or on high ground. It is much used, and the bush form that we offer makes desirable screens and the tree-shaped plants are valued as specimens.

	EACH	DOZ.
5 to 6 feet, heavy bushes .	$0 75	$6 00
6 to 7 feet, tree form . . .	1 00	9 00
7 to 8 feet, tree form . . .	1 25	12 00

S. purpurea, var. pendula. NEW AMERICAN WILLOW. (D) A pretty, graceful Willow with slender drooping branches and small, narrow silvery gray leaves. Our stock is grafted on 5-foot stems and is valued for specimen planting.

5 to 6 feet, 2-year heads $1 50

S. vitellina, var. aurea. (M) Grows into a massive, low-headed tree. Light green leaves and brilliant golden yellow bark that is particularly bright in the leafless months of winter. It makes a fine specimen with a personality that other trees do not possess.

	EACH	DOZ.
3 to 4 feet, stocky	$0 60	$6 00
4 to 5 feet, stocky	75	7 50

var. glauca. (S) A tree we brought from Europe several years ago. It has slender branches and small narrow green leaves that are silvery

Salix vitellina, var. glauca, continued beneath. The bark is slatish gray. A good tree for willow plantations in moist places.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
4 to 5 feet	60	6 00

var. from Russia. (S) This tree seems very similar to *S. Britzensis.* It is a good grower, hardy and characterized by golden twigs tinted with red at the ends.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
4 to 5 feet	60	6 00

Sophora Japonica

Sophora Japonica. JAPAN PAGODA TREE. (M) One of the nicest little trees for large or small plantings. It presents a neat, attractive appearance, with small shining green leaves. In August, when there are few other flowers, this is showy with clusters of white bloom. The wood of young twigs is olive-green.

3 to 4 feet, bushy . . . $1.25 each, $12 per doz.

Sorbus · Mountain Ash

Sorbus (Pyrus) Aucuparia. EUROPEAN MOUNTAIN ASH. (M) A tree of medium size, having pinnate leaves and bearing clusters of orange-colored berries from midsummer until frost.

6 to 8 feet . . . . . . 75 cts. each, $8 per doz.

var. quercifolia. OAK-LEAVED MOUNTAIN ASH. (M) It is similar in habit to the above and has leaves shaped like those of an oak. Very pretty and ornamental.

6 to 7 feet, stocky . . . . $1 each, $10 per doz.

Styrax

Styrax Japonica. (D) A neat little tree that makes a fine display in June and July, when hung full of its fragrant white bells. Of graceful, loose and spreading habit. Is well adapted for shrubberies or as a single ornament on the lawn. It is deserving of more general appreciation.

	EACH	DOZ.
3 to 4 feet	$0 75	$8 00
4 to 6 feet	1 00	10 00

Taxodium · Cypress

Taxodium distichum. DECIDUOUS, or BALD CYPRESS. (L) Grows rapidly and thrives in damp or dry soils. Very beautiful when in full leaf, with its fleecy, light green, cheerful foliage. It is a remarkably tall, narrow-headed tree, of conical outline that is popular for ornamental, specimen, and formal planting.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
10 to 12 feet, 2½ to 3 inch cal.	1 50	15 00

var. pendula. (M) A weeping form of the above that is decidedly graceful and pretty.

6 to 8 feet . . . . $2 each, $21 per doz.

Tilia · Linden, or Lime

These are large, rapid-growing lawn and avenue trees, that develop rounded heads and cast a cool, dense shade. Their light yellow flowers are very fragrant, and the large leaves heart-shaped. Lindens are hardy and grow well in any moderately good soil.

Tilia Americana. AMERICAN LINDEN, or BASSWOOD. (L) A rapid-growing native that develops into a large, broad, open-headed tree. The large, heart-shaped leaves cast a dense shade. It is hardy and grows in almost any soil. In spring it has small yellow flowers that fill the air with fragrance. One of the best shade trees for lawn planting. Also desirable for street and avenue work.

	EACH	DOZ.
7 to 8 feet, stocky	$1 00	$9 00
8 to 10 feet	1 50	15 00

Prices on larger trees upon request.

T. platyphyllos. BROAD-LEAVED EUROPEAN LINDEN. (L) The head of this tree is not so open as that of the American species; its leaves are larger and the surface of them is rough. The small flowers open at least a week earlier

A YOUNG AMERICAN ELM (See page 40)

Tilia platyphyllos, continued

in the spring. In other respects it possesses characteristics similar to those of all Lindens.

	EACH	DOZ.
6 to 8 feet	$1 00	$9 00
8 to 10 feet	1 50	15 00
10 to 12 feet	2 00	21 00

Prices on a few larger ones upon request.

Tilia platyphyllos, var. laciniata. (M) A tree with delicately cut leaves that are interesting and ornamental.

5 to 7 feet . . . . . $1.75 each, $15 per doz.

T. sylvestris. NARROW-LEAVED EUROPEAN LINDEN. (L) Has smaller leaves than *T. platyphyllos*, and a more spreading habit.

6 to 8 feet . . . . . . 75 cts. each, $8 per doz.

Ulmus · The Elms

In landscape planting the Elm is the most generally useful of all our trees. It is of massive proportions, long-lived and the branches spread into graceful arches that support a drooping fringe of twigs. The heads are so open that electric wires do not injure them, a desirable feature of all street trees. It is extensively used for wide lawns, parks or public grounds, over which they cast their cooling shade. Grows best in rich soils.

Ulmus Americana. AMERICAN ELM. (L) This tree, which arches many New England streets, grows well in other sections. Its rapid growth and especial grace make it unsurpassed for urban and suburban planting.

	EACH	DOZ.
6 to 8 feet	$0 75	$7 50
8 to 10 feet	1 00	10 00
10 to 12 feet	2 00	20 00

U. campestris. ENGLISH ELM. (L) Equally fine and imposing; has the advantage of adapting itself better to unfavorable conditions. Holds its leaves a longer time than the American variety.

	EACH	DOZ.
6 to 8 feet	$1 00	$9 00
10 to 12 feet	2 00	20 00

Ulmus campestris, var. latifolia. BROAD-LEAVED ENGLISH ELM. (L) Larger foliage than that of the English Elm, and a good grower.

	EACH	DOZ.
8 to 10 feet	$1 00	$10 00
10 to 12 feet, 1½ to 2 in. cal.	1 50	15 00

U. scabra, var. Huntingdoni. HUNTINGTON ELM. (L) One of the best Elms for any purpose. It is a strong, vigorous grower. Fine shade tree.

10 to 12 ft., 1¼ to 1½ in. cal., $1.75 ea., $15 per doz.

var. pendula. CAMPERDOWN ELM. (D) Its branches grow horizontally into crooked, contorted shapes; covered with handsome, dark green leaves. Splendid for specimen planting.

6 to 8 ft., 4-yr. grafted heads, $2.50 ea., $24 per doz.

AN EFFECTIVE PIECE OF EVERGREEN PLANTING, DESIGNED AND EXECUTED BY US

Deciduous Shrubs

WHETHER planted individually or collectively, the shrub is an important feature in the adornment of any grounds. There are locations which suggest the planting of individual shrubs, which are to be allowed space for symmetrical development, and in such locations their grace and beauty cannot be surpassed. In groups they can be made to emphasize some feature of the lawn, to screen some unsightly object or to destroy the strong, stiff lines of foundation walls. At the edges of the lawn, along walks and drives, or in distant corners a collection of shrubs may be gathered together that will give a succession of bloom from the opening of spring until frost comes to destroy the flowers. Shrubs with purple and yellow leaves should be added, to give character and contrast to the planting. When the leaves have gone, the brilliant fruits of other species and bright, conspicuous bark of certain shrubs add variety and interest to the monotony of winter.

The assortment we offer includes varieties suited to every purpose, and our strong, well-rooted plants produce immediate effects that are not possible with smaller and lighter sizes.

Special prices will be made on Shrubs in large quantities. Shrubs that usually grow over 12 feet are marked (L); from 8 to 12 feet, (M); from 6 to 8 feet, (S); 3 to 6 feet, (D); and 3 feet and below, (V D).

AMELANCHIER

Amelanchier Botryapium. JUNEBERRY. (M) April. A native bush or small tree that thrives in a diversity of soils and is very hardy. Its thick snowy clouds of drooping white flowers, coming very early in spring, make it conspicuous and pleasing in the leafless landscape. The flowers are later followed by edible dark red berries, which are very ornamental.

- 5 to 6 feet . . . . . 40 cts. each, $4.25 per doz.

Amorpha

Amorpha canescens. LEAD PLANT. (VD) June. Blue flowers, borne abundantly in terminal clusters. Dense habit, adapted to rockeries and shrubbery borders.

15 to 20 inches . . . 35 cts. each, $3.50 per doz.

A. fruticosa. FALSE INDIGO. (L) Large shrubs with dense terminal panicles of pretty odd and attractive bluish purple flowers in July.

2½ to 3 feet, bushy . . 35 cts. each, $3.50 per doz.

Amygdalus · Almonds

Amygdalus communis, var. alba flore pleno. WHITE-FLOWERING ALMOND. (D) Erect, slender branches, covered in May with small, very double and fragrant white flowers.

2½ to 3½ feet . . . . 50 cts. each, $5 per doz.

var. rosea flore pleno. PINK-FLOWERING ALMOND. (D) As above, with pink flowers.

2½ to 3½ feet . . . . . 50 cts. each, $5 per doz.

Andromeda

Andromeda Mariana. LILY-OF-THE-VALLEY SHRUB. (D) A neat little plant with bright green leaves, valuable in groups and at the front of shrubberies. In early spring it is fragrant with small, waxy white flowers.

12 to 15 inches . . . 40 cts. each, $4.50 per doz.

Aralia

Aralia pentaphylla. (M) Graceful shrub with thorny branches and pretty shining green foliage; excellent on rocky banks and slopes.

- 3 to 4 feet . . . . . 40 cts. each, $4.50 per doz.

A. spinosa. Is often used in shrubbery groups. See page 25.

AZALEAS

Among the most gorgeous and best flowering plants in cultivation. They are useful in all landscape work, and can be employed in bedding or massing, and particularly in connection with Rhododendrons and Kalmias or wherever a natural effect is desired. The native kinds grow well in heavy moist soil; all are partial to shady places. After the flowering season is over remove the seed-pods to increase the next season's bloom.

Azalea Amœna. The handsome little evergreen variety which is fully described and listed among "Evergreen Shrubs" on page 16.

A. arborescens. FRAGRANT WHITE AZALEA. (M) Flowers white tinged with rose and very fragrant. A good native variety.

12 to 18 inches . . . . 60 cts. each, $6 per doz.

Azalea mollis. CHINESE AZALEA. (D) This little plant bursts out all over with bloom in April or May. The flowers are rather larger than those of some other Azaleas. The bloom shows a multiplicity of colors in shades of red, yellow and white. It is a splendid thing for plantings of all kinds and especially for planting at the front of Rhododendron beds. Our plants have just been imported and are filled with buds that will open and flower abundantly this spring. The stock was raised from seed and includes magnificent flowering plants, but we are not able to distinguish the color before shipment.

	EACH	DOZ.
12 to 18 inches	$0 75	$7 50
18 to 24 inches	1 00	10 00

A. nudiflora. PINXTER FLOWER, or WOOD HONEYSUCKLE. (S) A native fond of moist places, and beautiful in May with pinkish white flowers.

12 to 18 inches . . . . 50 cts. each, $5 per doz.

A. Pontica. GHENT AZALEA. (D) This species is unequaled for brilliancy and variety of color. Although usually hardy, they are finer if given some protection in winter. The habit is very similar to *A. mollis;* the flowers not quite so large or perfect; the colors possibly a little more delicate. A desirable plant. Our stock is imported.

	EACH	DOZ.
12 to 18 inches	$0 75	$7 50
18 to 24 inches	1 00	10 00

A. viscosa. WHITE AZALEA. (S) This sort does well in moist soil, as well as drier ground. It bears fragrant white flowers that are tinged with rose. A native that is valuable for planting in shady places.

12 to 18 inches . . . . 50 cts. each, $5 per doz.

BACCHARIS

Baccharis halimifolia. GROUNDSEL TREE, or SALT BUSH. (S) Most attractive in the fall and winter when covered with cotton-like seed-vessels, but ornamental at all seasons. Not reliably hardy north of Boston. Fine for sandy soils and well-drained places.

	EACH	DOZ.
3 to 4 feet	$0 35	$4 00
- 4 to 5 feet	50	5 00

BERBERIS · THE BARBERRIES

A valuable group of small shrubs, admired for their foliage and brilliant fruits that cling along the leafless branches at a time when few other shrubs are attractive. They can be grown in dry and sandy soils, as well as other places. The dense habit, slender thorny branches and ability to withstand clipping, make the Barberries invaluable for low hedges and boundaries. They are much admired for the front of shrubberies, for groups and wherever small shrubs are desired. Plant in spring or fall.

Berberis Thunbergii. THUNBERG'S JAPANESE BARBERRY. (D) May. Bears almost inconspicuous creamy white flowers, that ripen into scarlet fruit. The beautiful small green leaves open early in the spring; in autumn they turn a brilliant golden or scarlet hue. One of the most desirable hedging plants.

	EACH	DOZ.	100
- 12 to 18 inches	$0 20	$2 00	$15 00
18 to 24 inches	25	2 50	18 00
2 to 3 feet	35	3 50	25 00

Berberis vulgaris. Common Barberry. (D) May. An erect grower with light green leaves larger than those of *B. Thunbergii.* The small yellow flowers grow into dark red berries.

-2 to 3 feet . . 35 cents each, $3.50 per doz.

var. purpurea. Purple Barberry. (D) May. Similar in habit to the above, with deep purple foliage that holds its color through the season. It is especially valued for color effects.

	EACH	DOZ.
-12 to 18 inches	$0 20	$2 00
18 to 24 inches	25	2 50
2 to 3 feet	35	3 50

Callicarpa

Callicarpa purpurea. (D) An attractive bush for shrubbery groups, that is literally covered with purplish violet berries in the autumn.

-2 to 3 feet . . . . 25 cents each, $2.50 per doz.

CALYCANTHUS

Calycanthus floridus. Allspice, or Sweet Shrub. (M) June. An old-fashioned shrub of strong, upright habit. Grows well in most any soil, and in shaded or open places. Valuable for its aromatic fragrance and chocolate-colored flowers of a peculiarly agreeable odor. A reliable grower.

	EACH	DOZ.
-2 to 3 feet	$0 35	$3 00
-3 to 4 feet	50	4 50

Caragana

Caragana arborescens. Siberian Pea Tree. (L) May. Bright yellow pea-shaped flowers and graceful pinnate leaves. Well adapted to shrubberies.

	EACH	DOZ.
3 to 4 feet	$0 40	$4 00
4 to 5 feet	50	5 00

Caryopteris

Caryopteris Mastacanthus. Blue Spirea. (D) September. A neat little shrub with fragrant blue verbena-like flowers. Valued for the lateness of its bloom. If killed back in winter new shoots will spring up and flower the first season.

12 to 18 inches . . . 25 cents each, $2 per doz.

Cephalanthus

Cephalanthus occidentalis. Button Bush. (M) A hardy shrub with bright glossy foliage. Especially valued for late summer blooming, when ball-like clusters of white flowers adorn it.

-18 to 24 inches . . 35 cents each, $3.50 per doz.

Cercis · Judas, or Red Bud

Very ornamental, low-growing trees that are frequently used in shrubberies or in places where a large shrub is needed. For description and prices, see chapter on Deciduous Trees, page 28.

CERCIDIPHYLLUM

Cercidiphyllum Japonica. (L) A shrub or small tree with handsome leathery foliage that is especially ornamental. For further description and prices, see page 27.

Chionanthus

Chionanthus Virginica. White Fringe Tree. (L) May and June. A large shrub (frequently a small tree) that grows easily and is generally desirable. Has dark green leaves and fragrant drooping open clusters of white flowers, succeeded by small bluish plum-like fruits.

1½ to 2 feet . . . . 35 cents each, $3.50 per doz.

CLETHRA

Clethra alnifolia. Pepper Bush. (D) A desirable native woods shrub of dense growth, producing abundant slender spikes of very fragrant white flowers in midsummer. Valuable for shaded places, and one of the best plants for shrubbery borders, as it flowers so abundantly at a time when little else is in bloom. Include it in all such plantings.

	EACH	DOZ.
-1 to 2 feet	$0 25	$2 25
-2 to 3 feet	35	3 50

Colutea

Colutea arborescens. Bladder Senna. (L) June to September. A strong grower, with small foliage and yellow pea-shaped flowers. The curious bronze-colored seed-pods are inflated with air.

	EACH	DOZ.
-2 to 3 feet	$0 35	$3 50
6 to 7 feet, extra heavy	75	7 00

Corylus

Corylus Avellana. European Hazelnut. (L) A strong-growing shrub, with large, dark, rough leaves. Edible nuts in early autumn. Valued for shrubbery masses and wild effects.

6 to 8 feet . . . . . . 75 cts. each, $6 per doz

var. purpurea. Purple Hazelnut. (M) Rich purple leaves that show prominently in contrast with other things.

2 to 3 feet . . . . . . 75 cts. each, $7 per doz.

CORNUS · THE DOGWOODS

Dogwoods are strong growers in almost any soil, and are hardy from the warmer parts of Canada southward. They thrive nearly as well in shaded places as in the open ground. While the bush forms are not remarkable for their flowers, they are especially valued for the brilliant coloring of the bark, which is very attractive in the leafless months of winter. Cornus are particularly suited for mass planting.

Cornus alba, var. Gouchaulti aurea. (M) A beautiful golden variegated variety, with brilliant red bark, which produces a unique effect in the shrub border in winter.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

var. Sibirica. RED SIBERIAN DOGWOOD. (M) A highly desirable erect-growing shrub, with coral-red branches.

	EACH	DOZ.
3 to 4 feet	$0 50	$4 50
5 to 6 feet, heavy	75	6 00

C. florida. For description and prices, look among trees, page 28.

C. glabrata. (M) A shrub from the western coast, with small, green, shining leaves and white fruits.

- 3 to 4 feet . . . . . . 35 cts. each, $3 per doz.

C. Mas; syn., **mascula.** CORNELIAN CHERRY. (L) April. A large, handsome shrub of dense growth and with glossy foliage. It is very attractive early in the spring with yellow flowers and brilliant in the fall with scarlet fruits.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
- 3 to 4 feet	35	3 00
5 to 6 feet	75	7 50
6 to 7 feet	1 00	9 00

C. sanguinea. (M) May or June. Greenish white flowers, followed in the fall by small black berries. The purple or dark blood-red branches are beautiful in winter.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
5 to 6 feet, bushy	50	5 50
6 to 8 feet, bushy	75	7 00

C. sericea. SILKY CORNEL. (M) June and July. Deep red bark and narrow leaves covered with silky down; fruit-clusters a showy light blue; exceedingly handsome in late fall.

	EACH	DOZ.
3 to 4 feet, bushy	$0 40	$4 00
4 to 5 feet, bushy	50	5 00
5 to 6 feet, bushy	60	6 00

C. stolonifera; syn., **alba.** RED OSIER DOGWOOD. (M) May. Spreading habit, dark red bark and white berries.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

var. aurea. GOLDEN-TWIGGED DOGWOOD. (M) Makes a low, open growth, and highly valued for the conspicuous bright yellow bark. Though recently introduced, it has proven vigorous and hardy.

	EACH	DOZ.
- 2 to 2½ feet	$0 25	$2 50
4 to 5 feet, heavy	50	5 00

Cotoneaster

Cotoneaster Simonsi. (D) June. Pretty shrub with small leaves that remain late in the season. Not reliably hardy north of New York. Prized for the white, slightly pinkish flowers and bright red fruits.

	EACH	DOZ.
- 1 to 2 feet	$0 25	$2 50
2 to 3 feet	35	3 50
- 3 to 4 feet	40	4 50

Cydonia

Cydonia Japonica; syn., **Pyrus Japonica.** JAPAN QUINCE. (M) March and April. A popular old-fashioned shrub that bursts forth during the first warm days of spring with a dazzling array of pink or scarlet flowers. Has small thorns and is much used for hedges.

2 to 2½ feet, bushy . . 50 cents each, $5 per doz.

DEUTZIAS

A family of profuse-flowering shrubs, generally hardy and well adapted to most soils. Useful for shrubberies, groups or specimens, and the smaller kinds are also desirable for forcing.

Deutzia crenata, var. candidissima. DOUBLE WHITE DEUTZIA. (M) June. A vigorous grower with double, pure white flowers, borne in panicles.

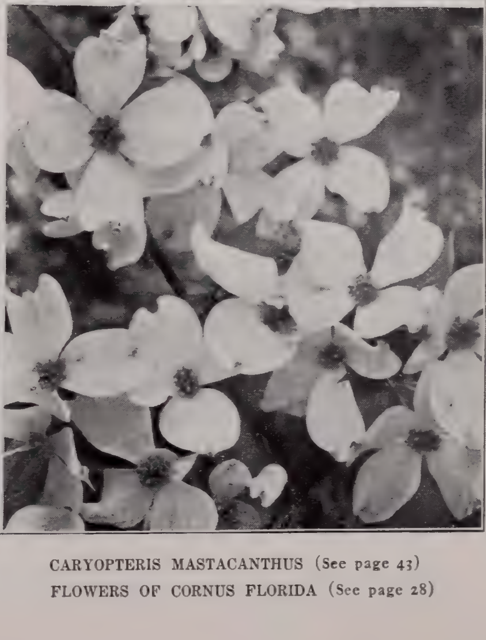
	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
-3 to 4 feet	35	3 50
4 to 6 feet	50	5 00

Deutzia crenata, var. rosea plena. DOUBLE PINK DEUTZIA. (M) June. The flowers are tinged with soft pink. Exceedingly dainty and beautiful.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	4 50
5 to 6 feet, clumps	60	6 00

The price per doz. applies on purchases of from 6 to 50 of the same grade of any one plant. The price per 100 applies to purchases of from 50 to 250 of the same thing, and the price per 1,000 applies on larger quantities than 250.

DEUTZIA LEMOINEI (See page 46)
SPIRÆA ANTHONY WATERER (See page 56)



CARYOPTERIS MASTACANTHUS (See page 43)
FLOWERS OF CORNUS FLORIDA (See page 28)

Deutzia crenata, var. Pride of Rochester. (M) Last of May. Equally as robust as the above, with larger panicles of bloom. Double white flowers with under side of petals rose.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
-3 to 4 feet	35	3 50
5 to 6 feet, heavy clumps	50	5 00
6 to 8 feet, heavy clumps	75	7 00

var. Watereri. (L) Single, pink, bell-shaped flowers.

	EACH	DOZ.
-1 to 2 feet	$0 25	$2 50
2 to 3 feet	35	3 50
-5 to 6 feet	50	5 00

var. Watsoni. (M) June. Of Chinese origin. Double white flowers.

5 to 6 feet, clumps . . 50 cents each, $5 per doz.

var. Wellsi. (M) June. Also from China. Double white flowers tinged with pink.

	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
-3 to 4 feet	35	3 50

D. gracilis. DWARF DEUTZIA. (D) May. An old-fashioned, dense shrub; blooms in shaded as well as sunny places. Single, pure white flowers.

	EACH	DOZ.
-12 to 18 inches	$0 25	$2 00
-18 to 24 inches, clumps	35	3 50

Deutzia gracilis, var. ROSEA. (D) May. Single, pink-white flowers.

	EACH	DOZ.
-12 to 18 inches	$0 25	$2 00
-18 to 24 inches	35	3 00

var. VENUSTA. (D) May. Long spikes of single pure white flowers, that closely resemble those of an azalea.

-1 to 2 feet . . . . 25 cents each, $2.50 per doz.

D. Lemoinei. LEMOINE'S DEUTZIA. (D) May. A popular bush with snow-white flowers borne abundantly along the slender branches.

	EACH	DOZ.
-18 to 24 inches	$0 25	$2 50
- 2 to 3 feet	35	3 00
2 to 3 feet, clumps	50	4 00

var. COMPACTA. (D) May. Similar to the above, but of a more compact habit.

	EACH	DOZ.
-18 to 24 inches	$0 25	$2 50
2 to 3 feet	35	3 50

D. scabra. ROUGH-LEAVED DEUTZIA. (S) June. Clusters of single, white bell-shaped flowers.

	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
-4 to 5 feet	50	4 50
5 to 6 feet, clumps	60	5 00

DIERVILLA · THE WEIGELAS

An important group, indispensable for ornamental plantings. They thrive in any soil, are strong growers and generally hardy. When young of upright habit, growing with age into more graceful shrubs. Useful as specimens, and desirable for groups or masses. In May or June the Weigelas are aglow with a wealth of flowers, borne all along their branches, and some varieties flower sparingly through the summer.

Diervilla floribunda, var. Lavallei. (M) June. Deep crimson flowers that last for a long while; loose, open habit.

	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
-3 to 4 feet	35	3 50
5 to 6 feet, clumps	50	5 00

D. FLORIDA; syn., ROSEA. (S) May or June. The first of the Weigelas to be introduced into this country. It is a strong, symmetrical grower, with good foliage; can be used in shaded places, and is generally useful. The profusion of bloom is variable in color. Some flowers are a delicate pink, others rose and some few almost white.

	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
4 to 5 feet, clumps	50	5 00
5 to 6 feet	60	5 50

var. amabilis. (S) May or June. The flowers are similar to those of the foregoing. The bush differs from other varieties in the more pronounced drooping of its branches, which are especially graceful when laden with their wealth of bloom.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
4 to 5 feet, clumps	50	5 00
5 to 6 feet, clumps	60	5 50

Diervilla florida, var. candida. (M) June. Erect and vigorous; an abundant bearer of pure white flowers. Distinct and desirable.

-2 to 3 feet . . . . 35 cts. each, $3.50 per doz.

var. Isoline. (M) June. White flowers that turn slightly pink with age.

	EACH	DOZ.
-3 to 4 feet	$0 35	$3 50
4 to 5 feet, clumps	50	5 00

var. NANA VARIEGATA. (M) June. The silvery variegated leaves hold their color well. An excellent shrub for color contrast. Bears innumerable pale pink flowers, and is highly desirable.

	EACH	DOZ.
-18 to 24 inches	$0 25	$2 50
3 to 4 feet, heavy clumps	50	5 00
4 to 5 feet, heavy clumps	75	6 00

D. Japonica, var. rubra; syn., hortensis rubra. (S) June. Light crimson flowers.

	EACH	DOZ.
-2 to 3 feet	$0 35	$3 00
-3 to 4 feet	50	5 00

D. sessilifolia; syn., lutea. (M) July. A native shrub of strong growth and terminal clusters of yellow flowers; hardy in Canada. Desirable in shrubberies on account of its attractive foliage, which turns a reddish brown.

1½ to 2 feet . . . . 25 cts. each, $2.50 per doz.

DIERVILLA HYBRIDS

These flower at the close of May and occasionally through the summer. They bloom as lavishly and grow as vigorously as the parent forms, attaining a height of from 5 to 8 feet.

Conquete. Pink flowers larger than those of any other kind; fine foliage. New.

3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

EVA RATHKE. A popular kind, of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts.

	EACH	DOZ.
- 1 to 2 feet	$0 25	$2 50
- 2 to 3 feet	35	3 50
- 3 to 4 feet	50	5 00
3 to 4 feet, XX heavy	75	6 00

Desboisi. Strong grower, with deep rose-colored flowers.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
- 4 to 5 feet	50	5 00
5 to 6 feet	60	6 00

Steltzneri. Rosy pink flowers.

2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

Symondsii. Rose and white flowers beautifully contrasted.

	EACH	DOZ.
-2 to 3 feet	$0 35	$3 00
4 to 5 feet	50	5 00

Van Houttei. Clear carmine flowers; profuse bloomer.

	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
-3 to 4 feet	35	3 50
4 to 5 feet, clumps	50	5 00

Elæagnus

Elæagnus angustifolia. OLEASTER. (L) June. An open bush with long, narrow, silvery leaves and small fragrant yellow flowers, followed by yellow fruits. Particularly adapted to sandy soils, though growing in other places.

6 to 8 feet . . . . . 50 cents each, $5 per doz.

E. longipes. SILVER THORN. (D) May. Of low growth. Leaves silvery; flowers yellow, hanging in wreaths along the branches and followed by a thick brilliant fruitage of scarlet berries in July, that are edible as well as ornamental.

-2 to 3 feet . . . . 40 cents each, $4.50 per doz.

E. parviflora. (L) A tall-growing open shrub with spiny stems. Has long, narrow green leaves that are silvery beneath. Fragrant yellowish white flowers in May, followed by silvery fruits that are pink when ripe.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet, heavy	50	5 00

E. umbellata. (M) Somewhat similar to the above, though not so large a shrub. The flowers are yellowish white and fragrant; the fruit scarlet and showy. It ripens later than *E. parviflora*.

6 to 8 feet, heavy . . 75 cents each, $6 per doz.

Euonymus

A large group of evergreen and deciduous shrubs that show a wide diversity of character. For the evergreen species, see chapter on Evergreen Shrubs, page 17.

Euonymus alatus. CORK-BARKED EUONYMUS. (M) A beautiful shrub, with bright green, glossy leaves that turn a brilliant scarlet in the autumn. The branches are curiously covered with an attractive cork-like bark. Small bright scarlet fruits in the fall.

	EACH	DOZ.
3 to 4 feet, heavy	$1 00	$10 00
4 to 5 feet, very heavy	1 50	15 00

E. Bungeanus. (M) Principally attractive on account of its rather large, yellowish fruits, which are borne so profusely and remain so long upon the branches.

- 1 to 1½ feet . . . . 25 cts. each, $2.50 per doz.
Prices on a few larger plants upon application.

E. EUROPÆUS. EUROPEAN BURNING BUSH. (L) May. Erect shrub or small tree. Good foliage, and desirable in shrubbery masses. Most attractive in autumn when covered with orange-scarlet seed-vessels.

	EACH	DOZ.
- 4 to 5 feet	$0 35	$3 50
4 to 6 feet, stocky	50	5 00

E. NANUS. (VD) Bright green foliage that turns purple in the fall. Red fruits ripen in August. Especially valued for rockeries and stony places.

1 to 2 feet, very bushy . 50 cts. each, $5 per doz.

EXOCHORDA

Exochorda grandiflora. PEARL BUSH. (M) May. A hardy Chinese shrub of rare merit, with slender branches and small leaves. Most beautiful in bloom, when covered with fragrant clusters of pure white, starry flowers that are sometimes an inch in diameter. Admired in all collections and especially adapted for individual planting.

4 to 6 feet, very bushy . 50 cts. each, $5 per doz.

FORSYTHIA · GOLDEN BELL

Familiar hardy shrubs that burst into bloom as winter is leaving. The bright golden yellow, star-like flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season. The "Golden Bells" grow easily, attain a height of 8 feet, and are ornamental in leaf as well as flower. They are useful for almost any purpose, but indispensable in groups and masses.

FORSYTHIA FORTUNEI. FORTUNE'S FORSYTHIA. (M) Erect branches and handsome broad, dark green leaves.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 00
4 to 6 feet, bushy	50	5 00

Forsythia Fortunei, var. aurea variegata. (M) Golden variegated leaves.

	EACH	DOZ.
- 1½ to 2 feet	$0 25	$2 50
- 4 to 5 feet	50	5 00

F. intermedia. (L) Slender, erect or arching branches, narrower leaves and vigorous grower.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
5 to 6 feet, bushy	50	5 00

F. suspensa. (M) Characterized by the graceful drooping habit. Frequently planted by itself and for covering arches and trellises.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 50
- 2 to 3 feet	35	3 50
4 to 6 feet, bushy	50	5 00

F. VIRIDISSIMA. (M) Erect shoots, spreading branches and bright, glossy green, narrow leaves. This variety, like the others, is most showy in early spring with its golden yellow flowers. Should be in all shrubbery collections.

	EACH	DOZ.
- 1½ to 2 feet	$0 25	$2 50
4 to 6 feet	50	5 00

var. variegata. (M) Similar to the above, with variegated leaves.

- 1 to 2 feet . . . . . 25 cts. each, $2.50 per doz.

Hamamelis

Hamamelis Virginica. Witch Hazel. (L) October. A strong-growing shrub in any soil, but succeeds best in moist places. Remarkable for the small, odd yellow flowers that open just as its leaves are brightening with autumn tints. Hardy in Canada. Valuable for massing and wild effects.

1½ to 2 feet . . . . 35 cts. each, $3.50 per doz.

Halesia

Silver Bell, or Snowdrop Tree

Halesia diptera. (L) June. A southern variety, not reliably hardy north of Philadelphia, but beautiful when covered with its fragrant white flowers.

2 to 2½ feet . . . . 35 cts. each, $3.50 per doz.

H. tetraptera. (L) A large shrub or small tree, with slightly drooping branches that are laden in early spring with fragrant, pure white flowers that resemble snowdrops. It grows in most any good soil and in shaded places. Is generally useful, though not reliably hardy north of New York.

2 to 2½ feet . . . . 35 cts. each, $3.50 per doz.

HIBISCUS SYRIACUS

HIBISCUS SYRIACUS

Althea, or Rose of Sharon

Familiar shrubs, deserving of more popularity than they receive. Altheas will grow almost anywhere from Ontario southward, and their abundance of bloom comes at an almost flowerless time, from July to September. There is a wide diversity of color in the flowers of different varieties, though all of the plants are of the same upright character and grow about 12 feet in height, excepting where noted. They should be used in every shrubbery border, are valuable as specimens, and make beautiful screens and hedges.

Hibiscus folia variegata. (S) One of the best variegated-leaved shrubs, but not conspicuous in flower.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

H. totus alba simplex. (S) Large, single, pure white flowers.

	EACH	DOZ.
2 to 3 feet	35	3 50
3 to 4 feet	50	5 00

H. rubus. New. Large, single, ruby-red flowers.

	EACH	DOZ.
- 4 to 5 feet	50	5 00

VARIETIES OF DOUBLE ALTHEAS

Hibiscus alba plena. White, with red center.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
3 to 4 feet	40	4 00
4 to 5 feet	50	5 00
5 to 6 feet	60	6 00

H. amaranthus. Reddish purple.

3 to 4 feet	40	4 00

H. amplissima. Rosy red; early bloomer.

3 to 4 feet	40	4 00
6 to 7 feet	1 00	9 00

H. ardens. The familiar purplish blue variety.

3 to 4 feet	40	4 00
4 to 5 feet	50	5 00

H., Boule de Feu. Very double. red.

2 to 3 feet	35	3 50
3 to 4 feet	40	4 00
5 to 6 feet	60	6 00

H. carnea plena. Flesh color.

2 to 3 feet	35	3 50
3 to 4 feet	40	4 00
6 to 7 feet	1 00	9 00

H., Comte de Haimont. Delicate pink.

2 to 3 feet	35	3 50
3 to 4 feet	40	4 00
4 to 5 feet	50	5 00

H., Duc de Brabant. Large, dark rose flowers; free blooming.

2 to 3 feet	35	3 50
4 to 5 feet	50	4 50
6 to 7 feet	1 00	9 00

H., Duc de Bretegne. Shaded rose, nearly pink; leaves more cut than other sorts.

3 to 4 feet	40	4 00
6 to 7 feet	1 00	9 00

H., Duchesse de Brabant. Similar to above; reddish lilac.

2 to 3 feet	35	3 50

H., Double Rouge. Very double, dark red flowers.

2 to 3 feet	35	3 50
3 to 4 feet	40	4 00
6 to 7 feet	1 00	9 00

H. elegantissima. White, shaded with rose.

3 to 4 feet	40	4 00
4 to 5 feet	50	5 00
6 to 7 feet	1 00	9 00

H., grandiflora superba. White, shaded to pink and carmine.

2 to 3 feet	35	3 50
3 to 4 feet	40	4 00
4 to 5 feet	50	5 00

H., Joan of Arc. Pure white, very double.

2 to 3 feet	40	4 00
3 to 4 feet	50	5 00
4 to 5 feet	60	6 00

Hibiscus, Lady Stanley. White, shaded rose.

	EACH	DOZ.
3 to 4 feet	$0 40	$4 00
4 to 5 feet	50	5 00

H., Leopoldii plena. New dwarf; pure white flowers; early bloomer.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50

H. luteola plena. Buds are yellow; opens into a double white flower.

3 to 4 feet	40	4 00

H. monstrosa. Very large, white flowers.

2 to 3 feet	35	3 50
3 to 4 feet	40	4 00

H. pæoniflora. White, with cherry-red center. Very floriferous.

2 to 3 feet	35	3 50
3 to 4 feet	40	4 00
4 to 5 feet	50	5 00

H. speciosa. Rosy pink.

2 to 3 feet	35	3 50

H. Van Houttei. Flowers white, with red center.

2 to 3 feet	35	3 50
3 to 4 feet	40	4 00

OTHER HIBISCUS

We have a large quantity of Altheas that we have grown from seed, which show a wide diversity of color, in shades of purple, white and red. They include single and double-flowering plants that are useful for group and mass plantings, besides being just the thing for hedge.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	35	3 50
4 to 5 feet	50	4 50

Hippophae

Hippophae rhamnoides. SEA BUCKTHORN. (M) A hardy shrub that endures exposure, and the unfertile soils of sandy and barren places.

2½ to 3½ feet . . . . 35 cts. each, $3.50 per doz.

Hypericum · St. John's Wort

Hypericum aureum. (D) July to September. A stiff, dense shrub that bears abundant yellow flowers at a time when little else is blooming. Hardy as far north as Massachusetts; grows well in moist, stony ground and shaded places. A small plant, useful at the front of shrubbery borders.

2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

H. MOSERIANUM, Gold Flower. (V D) June until frost. A low creeping plant, with bright green leaves that make a pretty setting for the golden yellow flowers that continue so long in bloom. Requires protection north of Philadelphia in winter. Desirable as a covering to the bare ground between plants in a bed of evergreens or shrubs, and much used in other places.

12 to 18 inches . . . 25 cts. each, $2.25 per doz.

HYDRANGEA

No class of shrubs is better known than the Hydrangeas, because they include some of the most showy flowering plants that are found in cultivation. They grow easily, have no insect enemies, and, with the exception of the Hortensis varieties, are reliably hardy. A crowning feature is that they bloom during the comparatively flowerless months of July and August.

Hydrangea arborescens. (D) June and July. A bushy plant from our native woods, with corymbs of white flowers in June and July. It is the most hardy of Hydrangeas, and particularly desirable for planting in shady places.

	EACH	DOZ.
-3 to 4 feet	$0 35	$3 50
4 to 5 feet, clumps	50	5 50

H. hortensis, var. Mariesi. (S) This plant has large, handsome green leaves, and, like the other Hortensis or garden varieties of Hydrangeas, it seldom withstands more than 10 degrees of frost. Yet their flowers are so large and beautiful that they repay the expense of protection. The flowers of this particular variety are blue.

10 to 15 inches, field-grown . 40 cts. each, $4 per doz.

var. monstrosa. (S) Our stock of this recently came from France, and, while we have never seen it bloom, we understand that the flowers are larger than those of any other kind.

10 to 12 inches, 6-inch pots . 50c. each, $5 per doz.

var. Otaksa. (S) June to August. Most frequently seen in tubs and vases, but does well in somewhat sheltered places. Ornamental foliage and beautiful large pink or blue flowers.

10 to 12 inches, 6-inch pots . 50c. each, $5 per doz.

var. Thomas Hogg. (S) June to August. Similar in appearance and habit to the above, with huge white flowers.

	EACH	DOZ.
8 to 12 inches, 6-inch pots	$0 40	$4 00
18 to 24 inches, 6-inch pots	75	6 00

HYDRANGEA PANICULATA

Hydrangea paniculata. (M) August to September. This shrub is increasing in popularity because it is a strong grower; hardy; has handsome foliage and good bushy habit. The panicles of white bloom are more open than those of Grandiflora. Can be used by itself or in borders. A splendid plant for almost any purpose. See the illustration below.

	EACH	DOZ.
-1 to 2 feet	$0 25	$2 50
-3 to 4 feet	40	4 50
4 to 5 feet	75	6 00

var. grandiflora. GREAT-PANICLED HYDRANGEA. (M) From July to September there is no shrub more showy than this favorite Hydrangea, whose branches are bent beneath the weight of the huge white flower-clusters. The illustration on page 51 shows it in the beauty of full bloom, and as the season advances the panicles fade into tints of pink and red. A vigorous grower in nearly all soils and hardy in most parts of the United States and Canada. Should be in all collections; valuable as a specimen and useful for grouping by itself.

	EACH	DOZ.
-1 to 2 feet	$0 25	$2 25
-2 to 3 feet	35	3 00
3 to 4 feet	50	4 50

Prices on a few larger plants upon request.

H., Tree-shaped. We have trained some of these shrubs into tree form, as they make splendid specimens when crowned with their immense flower-panicles.

	EACH	DOZ.
3 to 4 feet	$0 60	$6 50
4 to 5 feet	75	7 00

H. radiata. (D) June to July. A southern native shrub that is hardy with us. Resembles *H. arborescens* in character; flowers in flat white clusters. Particularly admired for the silvery white under surface of its leaves.

2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

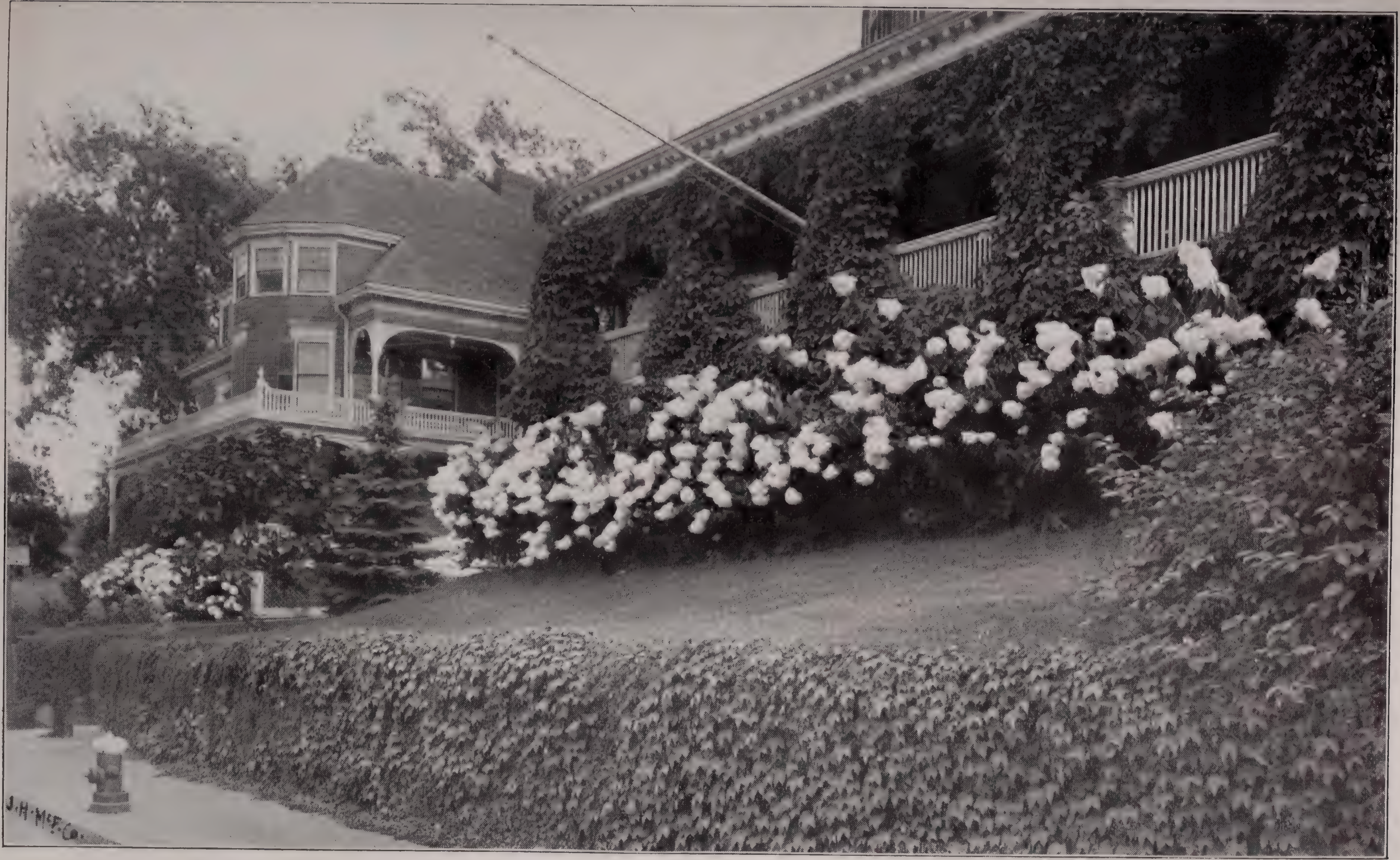
Jasminum

Jasminum nudiflorum. YELLOW JASMINE. (S) February or March. A shrub with long, slender branches, capable of being trained. Hardy only in sheltered places north of Philadelphia, but much admired for its yellow flowers that open in the first warm days of spring.

8 to 12 inches . . . 25 cts. each, $2.50 per doz.

J. officinale. JESSAMINE. Not quite so hardy as the former, but is popular in the South, where its fragrant white flowers blossom in summer. Does best when trained to a wall or trellis.

8 to 12 inches . . . 25 cts, each, $2.50 per doz.



Planting of Hydrangea paniculata grandiflora at the base of a porch. Virginia Creeper on porch, Ampelopsis Veitchi on wall, and Colorado Blue Spruce on lawn

Ilex

Ilex verticillata. BLACK ALDER, or WINTERBERRY. (S) A very hardy native shrub, with attractive foliage and habit. Most ornamental in autumn and winter when covered with brilliant red berries.

- 2 to 3 feet . . . . . . 50 cts. each, $5 per doz.

KERRIA, or CORCHORUS

Shrubs with slender, bright green branches that are ornamental even when divested of leaves. They grow in almost any soil, and do well in open or shaded places. Kerrias are frequently winter-killed north of New York. All the varieties have attractive foliage, grow from 4 to 6 feet in height, and are invaluable at the front of shrubberies or in groups by themselves. Orange-yellow flowers are borne abundantly in May and sparingly through the summer.

Kerria Japonica (simplex). Parent form with single flowers. Very floriferous.

	EACH	DOZ.
- 1 to 2 feet	$0 25	$2 00
- 2 to 3 feet	35	3 00
2½ to 3½ feet, heavy clumps	50	5 00

var. aurea variegata. A new variety, with golden variegated leaves.

13 to 24 inches, very bushy . 50c. each, $4.50 per doz.

var. argentea variegata. A desirable silvery variegated form, useful for contrasts.

	EACH	DOZ.
- 1 to 2 feet	$0 25	$2 00
- 2 to 3 feet	35	3 00
2½ to 3½ feet, heavy clumps . . .	50	5 00

Ligustrum · Privet

A group of ornamental shrubs, including, besides the familiar California Privet, some most desirable plants. The Privets are not particular as to soil, and they grow rapidly in open places or beneath the shade of trees. In shrubbery borders and masses their good qualities can be appreciated as well as in the hedges by which they are best known. They are seldom attacked by insects; withstand shearing and can be kept at any height or clipped into artificial forms.

Ligustrum Amurense. AMOOR PRIVET. (L) Considered more hardy than the California Privet. Makes a good hedge and is desirable; has upright branches and light green leaves that are half evergreen.

	EACH	DOZ.
- 2 to 3 feet	$0 25	$2 50
- 3 to 4 feet	35	3 50

L. Ibota. (M) June to July. Arching habit, narrow leaves and fragrant white flower-clusters. This is believed to be the most hardy variety, and can be grown throughout New York state. Valuable for shrubberies and for hedges.

	EACH	DOZ.
- 3 to 4 feet	$0 50	$4 50
7 to 8 feet, very heavy	75	7 00

A BLOCK OF OUR CALIFORNIA PRIVET. We have ten acres of splendid plants for hedging

Ligustrum ciliatum; syn., **medium.** (M) One of the hardiest kinds. Drops its leaves early, revealing an abundance of black berries.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
3 to 4 feet, heavy	50	4 50

var. Regelianum. (S) A dense shrub with twiggy branches that droop gracefully at their tips. The leaves are attractive with their autumnal hues and hide the black berries that show when the leaves have gone.

- 2 to 3 feet . . . . 50 cents each, $4.50 per doz.

L. ovalifolium. CALIFORNIA PRIVET. (L) Widely known as a hedging plant; it is a vigorous grower anywhere, endures the unnatural conditions of cities, and is one of the best shrubs for seaside planting. The half-evergreen, glossy foliage and pure white flowers in July make it an ornamental shrub that is generally useful. Not reliably hardy north of Boston. See also hedging plants and illustration, page 73.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	4 50
4 to 5 feet, very heavy	75	6 00

Ligustrum, var. aurea variegata. (M) A unique form of the preceding that is valued principally on account of the conspicuous variegated foliage that makes it useful for color contrasts in shrubbery plantings.

	EACH	DOZ.
1 to 2 feet	$0 35	$3 50
2 to 3 feet	50	4 50
3 to 4 feet	75	7 00

L., STANDARD or TREE PRIVET. (L) We have trimmed a large number of California Privet into little trees with round, ball-like heads, and find them in demand as a tub plant for terrace, porch and hall decoration. These would also be desirable for tall screens, or for planting at the back of the shrubbery masses.

	EACH	DOZ.
4 to 5 feet	$0 75	$6 00
7 to 9 feet	$2 to	3 50

L. Sinense. Chinese Privet. (M) July. A graceful, slender shrub with small leaves, and much admired for the profusion of its fragrant spike-like flowers, that are succeeded by ornamental fruits. Not reliably hardy north of New York City, but valuable as a specimen or for shrubberies.

- 2 to 3 feet . . . . 35 cents each, $3.50 per doz.

Lonicera · Honeysuckle

A varied genus that includes vines and shrubs. For the vines, see page 68. The bush varieties are in demand for shrubbery groups and borders. They are hardy and grow easily. Their fragrant flowers are admired in spring, but another attraction is the brilliant fruit that follows in the summer and fall.

Lonicera bella albida. (M) Bears profusion of white flowers followed by scarlet fruits that hang on a long while and make a grand showing.

	EACH	DOZ.
- 3 to 4 feet	$0 50	$5 00
4 to 5 feet, heavy	75	7 50

L. fragrantissima. (M) April. Small creamy white flowers of delightful fragrance, borne in profusion. The deep green foliage is retained until winter. Makes a handsome specimen.

	EACH	DOZ.
- 1 to 2 feet	$0 25	$2 50
2 to 3 feet, bushy	50	4 00

L. Morrowi. Japanese Honeysuckle. (M) May. An open bush with crooked branches, dark green leaves and small white flowers. The red fruit is especially ornamental and lasts a long while.

	EACH	DOZ.
- 1 to 2 feet	$0 25	$2 50
2 to 3 feet	35	3 50
3 to 4 feet	50	5 00

L. TATARICA (rubra). Tartarian Honeysuckle. (S) May. A useful old-fashioned shrub, with slender, upright branches. Small, fragrant, pink, crimson or blush flowers, followed by attractive red or orange-yellow berries.

	EACH	DOZ.
- 2 to 3 feet	$0 25	$2 50
3 to 4 feet	50	5 00

LONICERA MORROWI

Lonicera Tatarica, var. alba. (L) Only the white flowers distinguish it from the above, with which it makes a pleasing contrast.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

L. xylosteum. Fly Honeysuckle. (M) May. A shapely, erect bush, with distinct dull green, hairy leaves. Inconspicuous yellowish white, fragrant flowers. Desirable as a specimen as well as for shrubbery borders.

	EACH	DOZ.
- 4 to 5 feet	$0 50	$5 00
4 to 5 feet, very heavy	75	6 00

PHILADELPHUS · Mock Orange, or Syringa

Indispensable well-known shrubs that are prized for their beautiful foliage and white flowers. The taller kinds flower profusely, and nothing is finer in their season; while the dwarf varieties do not bloom so lavishly, they form pretty compact bushes, useful for the front of shrubberies.

Philadelphus Billardi. (S) June. Blooms a week or two later than other kinds. Is desirable for extending the season.

	EACH	DOZ.
-2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

P. CORDIFOLIUS. (M) June. Adapted to drier soils; attractive heart-shaped leaves. A handsome strong-growing variety.

	EACH	DOZ.
-2 to 3 feet	$0 35	$3 00
-3 to 4 feet	50	4 50
5 to 6 feet, very heavy	75	6 00

P. coronarius. Garland Mock Orange. (S) May. A vigorous, hardy old favorite of erect, compact habit. Fragrant early white flowers.

	EACH	DOZ.
-12 to 18 inches	$0 25	$2 50
-18 to 24 inches	35	3 00
2 to 3 feet	50	4 00

var. foliis aureis. Golden Mock Orange. (S) Flowers sparingly, but is admired for the golden foliage, which is bright throughout the summer. A desirable edging to shrubberies.

	EACH	DOZ.
-12 to 18 inches	$0 25	$2 50
-18 to 24 inches	35	3 00

P. deutzia flore pleno. (D) June. Double flowers.

-18 to 24 inches . . . 35 cts. each, $3.50 per doz.

FLOWERS OF PHILADELPHUS CORONARIUS

Philadelphus Gordonianus. (M) June, July. A late bloomer, with large white flowers of little fragrance. A strong grower and desirable variety.

	EACH	DOZ.
3 to 4 feet, very bushy	$0 50	$5 00
-4 to 5 feet	50	5 00

P. GRANDIFLORUS. (M) May or June. Forms a large spreading bush, with graceful, drooping branches; a strong grower; flowers slightly fragrant. A common and desirable shrub.

	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
4 to 6 feet, heavy	50	5 00
5 to 7 feet, very heavy	75	7 00

P. INODORUS. Scentless Mock Orange. (M) June. In habit, vigor and appearance this bush resembles the above. The profusion of bloom is scentless.

	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
-3 to 4 feet	35	3 50
4 to 5 feet, heavy	50	5 00
5 to 7 feet, very heavy	75	7 00

P. Ketelerii. A variety that we secured in France. Valued for its fragrant double white flowers.

-3 to 4 feet . . . . . 35 cts. each, $3.50 per doz.

P. laxus. (L) Very large fragrant white flowers and a strong grower.

-3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

P. Lemoinei, var. Mont Blanc. (S) June. Upright growth; small leaves and fragrant flowers. Free bloomer.

-2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

P. Nepalensis. (M) June. Flowers resemble those of *P. grandiflora*, and the leaves are slightly tinted with yellow.

	EACH	DOZ.
-2 to 3 feet	$0 25	$2 50
-3 to 4 feet	35	3 50

P. NIVALIS. (S) June. One of the best varieties with small white flowers of exceptional purity. It makes a handsome erect shrub.

	EACH	DOZ.
-3 to 4 feet	$0 50	$4 50
5 to 6 feet, very heavy	75	7 00

P. PEKINENSIS. (S) June. A good-blooming, dense shrub with narrow elongated leaves and fragrant flowers.

-2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

P. pubescens. (L) June. Large, handsome leaves and scentless flowers.

	EACH	DOZ.
-3 to 4 feet	$0 50	$5 00
5 to 6 feet, very heavy	75	7 00

P. Zeyheri. (S) June. A showy southern variety of spreading, graceful habit; slightly fragrant flowers borne in great profusion.

-2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

PHOTINIA

Photinia villosa. (L) June. A valuable shrub with upright branches and dark green foliage that turns a bright scarlet in autumn. It is hardy to Massachusetts and does best in sunny places. White flowers in corymbs, succeeded by brilliant red fruits.

- 4 to 5 feet . . . . . . 50 cts. each, $5 per doz.

Potentilla

Potentilla fruticosa. SHRUBBY CINQUEFOIL. (D) All summer its low spreading branches are bright with yellow flowers, and narrow fuzzy leaves. Grows in dry or wet soils and stony places.

1 to 2 feet . . . . . 50 cts. each, $4.50 per doz.

Prunus

Prunus Pissardi. PURPLE-LEAVED PLUM. (D) A little tree with dark purple leaves that keep their lustrous coloring even through the summer and fall. Small pinkish white flowers cover it in spring. It is unique in its coloring and one of the very best things for color contrasts, in open or mass planting.

	EACH	DOZ.
3 to 4 feet	$0 50	$4 50
4 to 5 feet	75	6 00
5 to 6 feet	1 00	9 00

P. triloba. DOUBLE-FLOWERING PLUM. (D) May. A strong-growing, hardy shrub, with delicate pink, double flowers and slender branches. Ornamental.

3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

Ptelea · Hop Tree

Large shrubs or small trees, with bright shining leaves and clusters of white flowers in June, that are succeeded by an abundance of seed-vessels that hang on for a long time. Quite hardy; grows easily. Ornamental as a specimen or in connection with other plants.

Ptelea trifoliata. (D) Green leaves.

4 to 5 feet . . . . . . 50 cts. each, $5 per doz.

var. aurea. GOLDEN HOP TREE. (D) The bright golden leaves distinguish it from the above.

3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

PYRUS

Pyrus arbutifolia. CHOKE BERRY. (L) A tall shrub that is covered in May with clusters of small white flowers, that are succeeded in August by bright red berries which remain well into winter. The foliage is much the same as an apple leaf and turns bright crimson in autumn. A desirable shrub for mass and open planting.

	EACH	DOZ.
- 3 to 4 feet	$0 35	$3 50
- 4 to 5 feet	50	5 00

RHAMNUS

Rhamnus catharticus. BUCKTHORN. (M) A stiff, twiggy shrub with white flowers in June and July, succeeded by black berries.

	EACH	DOZ.
- 3 to 4 feet	$0 35	$3 00
- 4 to 5 feet	50	4 50
5 to 6 feet, heavy	60	5 50
6 to 7 feet, heavy	75	6 00

RHODOTYPUS

Rhodotypus kerrioides. WHITE KERRIA. (D) A highly desirable shrub for almost any purpose; growing in all soils and succeeding as far north as Massachusetts. Resembles the Kerria in leaf and appearance. The graceful branches bear single white flowers in May and sparingly through the summer. Black berries follow in the fall.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	35	3 50

Rhus

Rhus Cotinus. MIST, or SMOKE TREE. (L) A favorite old-fashioned shrub that is reliable almost anywhere. In midsummer its curious, feathery flowers envelop the plant in a purplish mist. The leaves are rich, with shades of red and brown in autumn.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

Roses

The Bush Roses, described on page 63, are frequently used in shrubbery groups and borders, and always show to advantage in such collections.

Sambucus · Elder

Shrubs of strong growth and easy cultivation, that are ornamental in flower, fruit and foliage. Excellent for masses; desirable for wild effects and valuable for shaded places.

Sambucus Canadensis. COMMON ELDER. (M) June. White flowers in flat cymes, that ripen into clusters of edible black berries in July and August.

- 4 to 5 feet . . . . . 50 cts. each, $4.50 per doz.

S. NIGRA, var. AUREA. Golden Elder. (S) May. The bright golden yellow leaves are most attractive throughout the season, and give a tone of contrast in all plantings.

	EACH	DOZ.
- 1 to 2 feet	$0 25	$2 50
- 2 to 3 feet	35	3 50

var. laciniata. CUT-LEAVED ELDER. (M) Handsome foliage, and one of the best shrubs.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 00
- 4 to 5 feet, heavy	50	5 00

Sambucus nigra, var. variegata. VARIEGATED ELDER. (M) May. The mottled green and pale yellow or white leaves are its distinguishing feature.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
4 to 6 feet, very heavy	75	6 00

Sambucus racemosa. RED-BERRIED ELDER. (M) May. A strong grower for roc places and wild effects. Large clusters white flowers that ripen into bright re fruits.

6 to 7 feet, very heavy . 75 cts. each, $8 per doz.

SPIRÆA

Indispensable shrubs of easy culture that differ so in size, character and time of bloom that t are varieties suited to almost every purpose.

Spiræa argentea; syn., **canescens.** (D) June to August. Attractive, upright shrub, with panicles of white bloom; useful in the lower and wilder portions of the lawn.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 50
4 to 5 feet	50	5 00

S. arguta. (D) Early May. Equally as desirable and possibly more vigorous than *S. Thunbergii,* which it very closely resembles in flower, habit and appearance.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

S. ariæfolia. (D) July. Toothed leaves, hairy beneath; compact habit; slender branches; abundant small greenish white flowers. Distinct.

12 to 18 inches . . . 25 cts. each, $2.50 per doz.

S. Billardi. (M) July to September. Sparsely twigged; erect branches, crowned with narrow, dense spikes of bright pink flowers. A strong grower; useful in shrubberies.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	35	3 50
5 to 6 feet	50	5 00

var. alba. (S) July to September. A white-flowering form of the above, that seems equally desirable.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

SPIRÆA REEVESIANA AT GLENWOOD (See page 57)

SPIRÆA BUMALDA. (D) June until frost. A bushy plant with good foliage, vigorous habit and abundant rosy pink, flat flower-heads. Desirabl as an edging to shrubberies.

	EACH	DOZ.
12 to 18 inches	$0 35	$3 5
2 to 3 feet, very bushy	50	5 0

var. ANTHONY WATERER. (D) June unti frost. One of the most popular shrubs, possessing the characteristics and robust habits of th parent form, but with crimson flower-heads of richer, brighter hue. Good foliage, frequentl splashed with odd though pretty yellowish whit markings. A beautiful edging and desirabl plant at the front of shrubberies or wherever low bush is required.

	EACH	DOZ.
12 to 18 inches	$0 25	$2 0
18 to 24 inches	35	3 0
2 to 3 feet	50	4 0

S. callosa. FORTUNE'S SPIREA. (D) All summer A dense shrub with pale, bluish green leaves an flat pink flower-clusters.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 5
3 to 4 feet, bushy	50	5 0

var. alba. (D) All summer. A white form o the above, that is showy and desirable.

	EACH	DOZ.
12 to 18 inches	$0 25	$2 5
2 to 2½ feet	50	4 5

var. rosea superba. (D) All summer. Th bright, light rose-colored flowers alone disting uished it from the foregoing.

2 to 3 feet . . . . . 50 cts. each, $4.50 per do

S. Chamaedrifolia. GERMANDER-LEAVED SPIREA (D) June. A small-growing plant with cluster of white flowers upon small wiry branches.

10 to 15 inches . . . 25 cts. each, $2.50 per do

S. OPULIFOLIA, syn., **Physocarpus opulifolia** It is familiarly known as Ninebark. A large vigorous, growing shrub that bears an abundanc of fragrant, flat clusters of white flowers in June after the majority of early flowering shrub have dropped their blossoms. It grows rapidl in any soil and is a favorite for the shrubber border or as an individual specimen in eithe open or shaded places.

	EACH	DOZ
3 to 4 feet	$0 35	$3 0
4 to 5 feet	40	4 0
4 to 5 feet, very heavy	50	5 0
5 to 7 feet, heavy clumps	75	7 0

SPIRÆA OPULIFOLIA, VAR. AUREA. (M) June. Resembles the preceding but more conspicuous in spring with its bright golden leaves that darken somewhat as the season advances. Double white flowers valued for contrasts and desirable anywhere.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 00
- 4 to 5 feet	50	4 00
4 to 6 feet, very heavy	75	6 00

S. prunifolia flore pleno. BRIDAL WREATH. (M) Early May. A hardy old-fashioned shrub that is still popular. As the leaves are opening small, snow-white, double flowers wrap themselves along the branches in a lavish display of bloom. The little glossy green leaves color brilliantly in autumn. Makes an elegant hedge and is useful anywhere.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	35	3 50

S. Reevesiana. (M) Last of May. Attractive foliage and beautiful clusters of pure white florets which bend the branches gracefully and cover them completely. Tender north of Boston. Serves almost any purpose.

	EACH	DOZ.
- 2 to 3 feet	$0 25	$2 50
- 3 to 4 feet	35	3 50

var. flore pleno. (D) Similar to the above in every way excepting flowers, which in this case are very double.

2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

S. rotundifolia. (M) June. Distinct and hardy, with white flowers and roundish leaves, remaining fresh until late in the fall.

	EACH	DOZ.
1½ to 2 feet	$0 35	$3 50
2 to 3 feet, heavy	50	5 00

S. salicifolia. WILLOW-LEAVED SPIREA. (S) June to September. Erect, strong habit; fond of wet ground, but succeeds almost anywhere. Useful for masses and wild effects.

3 to 4 feet . . . . 50 cts. each, $4 50 per doz.

var. alba. (S) Character and habit as above, with pretty white flowers. Rare in cultivation.

	EACH	DOZ.
3 to 4 feet	$0 35	$3 00
- 4 to 5 feet	50	4 50

S. semperflorens. (D) July to September. An uncommon variety, with pink flowers. A continuous bloomer.

- 2 to 3 feet . . . . . . 35 cts. each, $3 per doz.

S. sorbifolia. (M) Beautiful pinnate foliage like the Mountain Ash; large spikes of showy white flowers in July.

- 3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

S. Thunbergii. THUNBERG'S SPIREA. (D) April and May. A graceful bush, beautiful at all seasons, with innumerable small white flowers that crowd along its slender branches, and shine as snow through the light green feathery foliage. The tiny leaves turn a brilliant orange-scarlet in the autumn. It grows well at the seaside, in moist soils and drier places, but is only partially hardy in our coldest states.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 00
2 to 3 feet, heavy	50	4 50

S. tomentosa. HARDHACK. (D). July to September. Flowers in deep pink panicles. Hardy to Nova Scotia. Valued in low places and for wild effects.

- 1 to 2 feet . . . . . 25 cts. each, $2.50 per doz.

S. trilobata. (M) Vigorous hardy grower, with an abundance of pure white flowers. An uncommon but desirable sort.

- 1 to 2 feet . . . . . 35 cts. each, $3.50 per doz.

S. Van Houttei. (M) May. Among the very finest of flowering shrubs. A strong, hardy grower of graceful, drooping habit, with handsome foliage. The profusion of bloom weighs the slender branches and covers the bush with a beautiful canopy of white. Desirable from any standpoint.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

Staphylea

Staphylea colchica. BLADDER NUT. (M) May. An upright shrub that is not hardy north of Massachusetts, but is much admired for its fragrant white flower-clusters.

2 to 3 feet, heavy . . 50 cts. each, $4.50 per doz.

STEPHANANDRA

Stephanandra flexuosa. (D) A thick shrub, with graceful branches and handsome small foliage that is almost as delicate as a fern, and turns a bronze-red in late summer and autumn. In June, small, inconspicuous fragrant flowers are up and down the branches. Grows easily, and is adapted to rocky places and shrubbery borders.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 00
2 to 3 feet, heavy clumps	50	5 00
3 to 4 feet	50	5 00

Styrax

Styrax Japonica. (L) A large shrub or small tree that merits the popularity it receives. Makes a fine display in June when hung full of its fragrant white bells.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
4 to 6 feet, heavy plants	75	1 00

The price per doz. applies to purchases of from 6 to 50 of the same grade of any one plant. The price per 100 applies to purchases of from 50 to 250 of the same thing, and the price per 1,000 applies on larger quantities than 250.

Syringa · The Lilacs

"The Lilac among shrubs is like the maple among trees, the most common and most indispensable." In many country dooryards the neglected Lilacs continue to bloom with a fragrance and beauty that is surpassed by no other shrub. With the revival of old-fashioned gardens, their popularity is increasing; no shrubbery mass is complete without them. They are hardy, robust plants that do well and flower abundantly with little care. The large collection we offer embraces tall- and low-growing shrubs, kinds that will give a succession of bloom for several weeks.

Syringa Chinensis; syn., **Rothomagensis.** ROUEN LILAC. (M) May. A hybrid variety of merit. Has arching branches and large, loose, reddish purple flower-plumes that are variable in color. The narrow leaves differ from other Lilacs.

2 to 3 feet . . . . . 50 cents each, $5 per doz.

var. alba. (M) May. A white-flowering variety of the above with the same general characteristics.

1 to 2 feet . . . . 35 cents each, $3.50 per doz.

S. Japonica. (L) June. A tree-like form, with glossy leathery leaves. It is quite hardy, and the yellowish white flowers come after other Lilacs are through blooming.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
4 to 5 feet	75	6 00

S. Josikæa. CHIONANTHUS-LEAVED LILAC. (M) Late in May. A distinct type of tall growth, with dark green leaves. The deep purple buds, arranged in loose panicles, open into light violet-colored flowers.

2 to 3 feet . . . . 50 cents each, $4.50 per doz.

S. Pekinensis. (L) June. The narrow leaves are held on the slender spreading branches late in the fall. Excellent habit, beautiful, with its panicles of yellowish white flowers.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
5 to 6 feet	75	6 00

S. Persica, var. alba. WHITE PERSIAN LILAC. (M) May. A profusely blooming shrub with slender, arching branches and small, narrow leaves. Its delicate white flowers, frequently tinted, are borne in loose, open panicles and are very desirable.

	EACH	DOZ.
1½ to 2 feet	$0 35	$3 50
2 to 3 feet	50	5 00

var. laciniata. (M) An odd, attractive variety with finely divided foliage and open flower-clusters.

2 to 3 feet . . . . . 50 cents each, $5 per doz.

S. villosa. (L) A distinct type with late rosy pink flowers in large panicles. The foliage resembles that of the Chionanthus (White Fringe), and the plant is very bushy.

2½ to 3 feet . . . . . 50 cents each, $5 per doz.

SYRINGA FRAU DAMMANN

S. vulgaris. COMMON LILAC. (M) May. The well-known old-fashioned Lilac so often seen in gardens. It is hardy and vigorous; endures neglect and blooms abundantly. The medium large panicles of bluish purple flowers are very attractive and useful for house decorations.

	EACH	DOZ.
2 to 3 feet . . .	$0 35	$3 50
3 to 4 feet . . .	45	4 00
4 to 5 feet . . .	50	5 00

var. alba. COMMON WHITE LILAC. (M) May. Its general character is similar to the above. Flowers white.

	EACH	DOZ.
2 to 3 feet . . .	$0 35	$3 50
4 to 5 feet . . .	50	5 00

VARIETIES OF SYRINGA VULGARIS

These flower abundantly, and their sweet fragrance scents the air about the second week in May. They grow to be 6 to 8 feet in height.

Varieties of Syringa vulgaris, continued

Abel Carriere. Large, double, pale blue flowers, the under side of the petals is a fine rose color.

	EACH	DOZ.
2 to 3 feet	$0 50	$5 00
3 to 4 feet	1 00	9 00

Alphonse Lavalle. Large panicles of double violet-blue flowers.

3 to 4 feet . . . . . 75 cts. each, $7.50 per doz.

Belle de Nancy. Double white flowers that are tinged with purple.

3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

Charles X. A vigorous grower, with good habit and handsome foliage. The reddish purple flowers are borne abundantly on loose trusses.

	EACH	DOZ.
2 to 2½ feet	$0 50	$5 00
3 to 4 feet	75	7 50

Frau Bertha Dammann. One of the best; a free bloomer, with medium-sized white flowers, borne in large panicles.

	EACH	DOZ.
2 to 3 feet	$0 50	$5 00
3 to 4 feet	75	7 50

Insignis rubra. The buds are dark red, and open into rosy purple flowers. Among the best.

2 to 3 feet . . . . . . 50 cts. each, $5 per doz.

Marie Legraye. A small bush, and a good variety for forcing. The panicles of single white flowers are especially fine and fragrant.

2 to 3 feet . . . . . . 50 cts. each, $5 per doz.

Madam Abel Chatenay. Pure white flowers in compact panicles.

3 to 4 feet . . . . $1 each, $9 per doz.

Madame Lemoine. Rich double white flowers.

3 to 4 feet . . . . $1 each, $9 per doz.

Michael Buchner. A dwarf grower, with very large, erect panicles of very double, pale lilac flowers. Quite distinct.

3 to 4 feet . . . . $1 each, $9 per doz.

Mons. Chas. Perrier. Large, handsome foliage and very fragrant, semi-double pure white flowers, borne in medium-sized clusters.

	EACH	DOZ.
2 to 3 feet	$0 50	$5 00
4 to 5 feet	75	7 50

President Grevy. The individual flowers are very large and double; a beautiful blue in color. The panicles are larger than those of any other variety.

3 to 4 feet . . . . . 75 cts. each, $7.50 per doz.

Ranunculæflora flore pleno. An uncommon variety, with double pale blue flowers.

	EACH	DOZ.
2 to 3 feet	$0 50	$5 00
3 to 4 feet	75	6 00

Rubra de Marley. Single, rich rosy purple flowers that are borne abundantly. Resembles the common purple lilac, and is very desirable.

	EACH	DOZ.
3 to 4 feet	$0 50	$5 00
4 to 5 feet	75	6 00

Souvenir de Ludwig Spæth. The single flowers are a dark purple, and distinct from other kinds.

2 to 3 feet . . . . . . 50 cts. each, $5 per doz.

SYMPHORICARPUS

Small native shrubs that are much used in shaded places and in open masses. They grow well in almost any soil, are quite hardy and very ornamental, especially so when covered with berries in fall and winter. They grow 3 to 6 feet in height, have small leaves and slender branches.

Symphoricarpus hybridii. A white-fruited variety we obtained from France. It has better and more lasting foliage than the other sorts.

2 to 3 feet . . . . . . 35 cts. each, $3 per doz.

S. racemosus. SNOWBERRY. July and August. Small red flowers, succeeded by abundant white berries.

-2 to 3 feet . . . . . 35 cents each, $3 per doz.

S. vulgaris; syn., rubra. CORAL-BERRY. July. Similar in character to the above, useful in the same ways. Purplish red berries in autumn.

	EACH	DOZ.
18 to 24 inches	$0 25	$2 00
2 to 3 feet	35	3 00
3 to 4 feet	50	4 50

var. variegatus. The leaves are variegated with golden yellow and green.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
4 to 5 feet	50	4 50

Tamarix · Tamarisk

Shrubs of strong, but slender, upright growth; clothed with foliage as light and feathery as that of the asparagus. Their delicate fringing flowers are usually some warm shade of pink or red. They are hardy as far north as Massachusetts and very ornamental at the back of shrubbery borders and valuable for seaside planting.

Tamarix Africana. (L) May. The first to flower. Sea-green foliage.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 00
- 3 to 4 feet	40	4 00

T. Gallica. (L) May to July. Lighter green foliage, and later in flower.

2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

var. Indica. (L) May. The pink flower-racemes are longer than those of other kinds. The foliage is dull green.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 00
- 3 to 4 feet	40	4 00

T. Odessana. (M) July to September. Of lower growth. Pink flowers.

-4 to 5 feet . . . . . 50 cts. each, $4.50 per doz.

T. tetandra, var. purpurea. (M) June and July. Purplish pink flowers. A desirable variety of doubtful nomenclature.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
- 3 to 4 feet	50	4 50

VIBURNUMS

In this group are included the Snowballs, which give in spring the same showy effect produced by hydrangeas in the fall. Viburnums are especially hardy; grow quickly and are particularly free from the attacks of injurious insects. They are invaluable in shrubbery borders; desirable as specimens and useful in all plantings.

Viburnum dentatum. ARROW WOOD. (L) May. A handsome native shrub, with glossy green leaves and white flowers that ripen into black berries.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
- 4 to 5 feet	50	5 00

V. Japonicum; syn., **macrophyllum.** (D) A handsome large-leaved shrub that is almost evergreen, has red fruits.

2 to 3 feet . . . . . 50 cents each, $5 per doz.

V. LANTANA. WAYFARING TREE. (L) May and June. White flower-clusters succeeded by red fruits that later turn to black. Good foliage and an especially desirable shrub for dry places and limestone soils.

	EACH	DOZ.
- 3 to 4 feet	$0 50	$4 50
4 to 5 feet, bushy	75	6 00

V. LENTAGO. SHEEP-BERRY. (L) May and June. Strong-growing shrubs, with slender branches and glossy green foliage. Creamy white and fragrant flowers, followed by bluish black berries that last until spring.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
- 3 to 4 feet	50	4 50

V. molle. (S) A native shrub, with handsome, large, deep green leaves, similar to *V. dentatum*, but blooming a few weeks later.

	EACH	DOZ.
- 18 to 24 inches	$0 25	$2 50
3 to 4 feet	50	5 00

V. Opulus; syn., **Oxycoccus.** CRANBERRY BUSH. (M) May. Spreading habit. Single white flowers borne in flat, imperfect clusters. Highly valued for the brilliant red berries that cling to the leafless branches all winter, unmolested by birds.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

var. sterile. GUELDER ROSE. (M) May. The old-fashioned Snowball that grows almost anywhere and always flowers so abundantly. In appearance it closely resembles the above, but does not have the ornamental fruits.

2 to 3 feet, 35 cents each, $3.50 per doz.

V. tomentosum. SINGLE JAPAN SNOWBALL. (S) May. An elegant shrub, with beautiful dark green leaves. The white flowers, borne in flat clusters, are followed by decorative red berries, that later change to black. Valuable in shrubberies.

	EACH	DOZ.
- 2 to 3 feet	$0 35	$3 50
- 3 to 3½ feet	50	5 00
4 to 5 feet, very heavy	75	6 00

var. plicatum. JAPAN SNOWBALL. (S) May. One of the best ornamental shrubs, similar in habit to the above. It bears abundant white balls of bloom that have a beautiful setting in the deep green leaves.

	EACH	DOZ.
- 18 to 24 inches	$0 35	$3 50
2 to 3 feet	50	5 00
3 to 4 feet, very bushy	75	6 00

FLOWERS OF VIBURNUM PLICATUM

Xanthoceras

Xanthoceras sorbifolia. (L) May. A rare shrub, with stout, upright branches, pinnate foliage and slender panicles of white flowers, that are blotched with yellow and red. It is hardy as far north as Massachusetts, and especially valued for solitary planting on the lawn.

12 to 18 inches . 50 cts. each, $4.50 per doz.

Hardy Garden Roses

The beauty of the Rose is so widely appreciated that the popularity it now enjoys, and the demand for hardy garden Roses is annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight to all who grow them. We make a specialty of Roses for garden and home planting, and our assortment has been made up especially for that purpose and includes only such varieties as will thrive under home conditions and have proved satisfactory in such places. Since last year we have greatly increased our Rose department, adding to it many choice and desirable varieties. Most all the varieties offered are perfectly hardy, with little or no protection, north of Philadelphia.

HYBRID PERPETUALS

The list here offered comprises a general assortment of this ever-popular class of hardy Roses. The varieties listed cover all the desirable and distinct shades, and are superior in size, hardiness, vigor and productiveness. As far as possible, varieties are on their own roots, but it is necessary to bud some of the most desirable kinds on other stock. In planting budded stock, great care should be taken in setting out to have the "bud" at least 2 inches below the surface so the stock will not "sucker up."

Price, except where otherwise noted: Extra strong, 2-year plants, 40 cts. each, $4.50 per doz., $30 per 100; set of 30 varieties, $10; set of 25 varieties, our assortment, $7.50.

Alfred Colomb. Brilliant carmine-crimson; large, globular.

Alfred K. Williams. Carmine-red, with deeper shades, full flower.

Anne de Diesbach. Clear, bright carmine; large, fragrant flowers.

Baron de Bonstetten. Dark velvet red, large, fragrant flowers.

Baroness Rothschild. Rich satiny pink; magnificent.

Boule de Neige. Pure white; free-blooming.

Captain Hayward. Bright crimson-carmine; a distinct shade and very fragrant.

Coquette des Blanches. Pure white; large, globular.

Duke of Edinburgh. Bright crimson; large and double.

Earl of Dufferin. Large, full, finely formed, velvety scarlet.

Fisher Holmes. Rich, velvety crimson.

Frau Karl Druschki. A splendid new Rose of German origin; contains the various essentials which make it the ideal hardy white Rose; its flowers are large, perfect form, snow-white in color, strong and healthy and very vigorous grower. 50 cts. each, $5 per doz.

General Jacqueminot. Brilliant scarlet-crimson.

Gloire de Margottin. Dazzling scarlet.

Gloire Lyonnaise. White, tinted yellow.

Jules Margottin. Bright carmine, cupped; fragrant.

Louis van Houtte. Dark velvety crimson, large and full.

Mabel Morrison. Pure white, flushed pink in autumn.

Marchioness of Lorne. Rich fulgent rose, shaded vivid crimson in the center; double and sweet.

Margaret Dickson. One of the finest white hybrids.

Marshall Wilder. Cherry-carmine; large and full.

Marie Baumann. Bright carmine; large, exquisitely formed.

Merveille de Lyon. White, shaded rose.

Mme. Gabriel Luizet. Fine satiny rose.

Mrs. John Laing. Delicate pink; large, full.

Mrs. J. Sharman Crawford. Deep rosy pink, outer petals shaded with pale flesh.

Paul Neyron. Very large; deep rose.

Prince Camille de Rohan. Deep velvety crimson, with black shadings.

Rodocanachi. Beautiful transparent rose, shaded pink; long-stemmed, fragrant.

Tom Wood. Cherry-red, shell-shaped petals.

Ulrich Brunner. Bright cerise-red; large and full.

Victor Verdier. Rosy carmine; large, showy.

White Baroness. Pure white; splendid bloomer.

HYBRID TEAS

Hardy, with little or no protection, very productive, and, as a rule, with brilliant colors and delightful fragrance.

Price, excepting where noted: Strong 2-year-old plants, 40 cts. each, $4 per doz.; set of 10 varieties, including Killarney and Belle Siebrecht, $4.

Augustine Guinnoisseau. Flowers white, slightly tinted flesh color.

Belle Siebrecht. Brilliant pink, fine form, prolific bloomer. Extra-selected, 2-yr. plants, 75 cts.

Gruss an Teplitz. A beautiful rich scarlet.

Helen Gould. Bright, glowing carmine. Continuous bloomer.

Kaiserin Augusta Victoria. White, tinged with primrose; a superb Rose.

Killarney. Large, brilliant pink; beautiful long, pointed buds. Splendid new sort. 75 cts. each, $7.50 per doz.

La France. Clear satiny pink; large and full.

Meteor. Rich dark velvety crimson; continuous bloomer.

Souvenir de President Carnot. Rosy flesh, shaded white at edges.

MOSS ROSES

The beauty of this type of Roses consists largely in the delicate mossy covering surrounding the bud. Large and extremely hardy.

Heavy 2-year plants, 40 cts. each, $4 per doz.

Blanche Moreau. Pure white, large and full.
Henry Marten. True crimson; very vigorous.
Princess Adelaide. Bright silvery rose; large.

BOURBON, or EVERBLOOMING ROSES

Vigorous growers; constant and abundant bloomers, particularly in the autumn.

Heavy plants, 2-year, 40 cts. each, $4 per doz.

Bon Silene. Rich, rosy crimson; large buds.
Duchesse de Brabant. Silvery pink; good grower and constant bloomer.
Empress of China. Soft dark red; medium size.
Hermosa. An old-time favorite; constant bloomer, bright pink flowers.
Marie van Houtte. Yellow, beautifully formed buds.
Safrano. Saffron yellow. One of the best for outdoor planting.

DAMASK ROSES

Mad. Plantier. Pure white, very hardy and reliable. Profuse bloomer in June. A favorite for cemetery use. Extra heavy 2-year plants, 40 cts. each, $4 per doz.

CRIMSON RAMBLER

MEMORIAL, or EVERGREEN ROSES

Roses of this family are of a trailing habit, very hardy and recommended for covering walls, rocks, rough ground, or for any purpose for which a creeping Rose is desired.

Alba rubifolia. Evergreen foliage, white flowers; profuse bloomer. 30 cts.
Evergreen Gem. Flowers buff-colored while in the bud, changing to creamy white, very large and double; handsome foliage. 30 cts.
Jersey Beauty. Single, pale yellow flowers, bright yellow stamens; profuse bloomer. 30 cts.
Manda's Triumph. Large, abundant clusters of medium double, pure white flowers. Two years, 20 cts. each, $2 per doz.
Pink Roamer. Clusters of single, light pink flowers. Extra fine, 25 cts. each, $2.50 per doz.
South Orange Perfection. Clusters of small double flowers; pink in bud, changing to white as they open. 20 cts. each, $2 per doz.
Universal Favorite. Vigorous variety with a profusion of immense double flowers of beautiful rose color. Two years, 20 cts. each, $2 per doz.
Wichuraiana. MEMORIAL ROSE. Beautiful, small, glossy, evergreen foliage. A grand trailer over all sorts of places. Fragrant, single, waxy white flowers are borne profusely in June. 20 cts. each, $2 per doz., $15 per 100.

CLIMBING, or PILLAR ROSES

Not hardy in latitude of Philadelphia except in sheltered positions or with protection.

Strong plants, 50 cts. each, $5 per doz.

Gloire de Dijon. Blush with yellow.
Marechal Niel. A favorite climber, unexcelled for fragrance, beauty or size. Bright golden yellow.

HARDY CLIMBING ROSES

Baltimore Belle. Blush flowers in immense clusters. Extra selected 2-year plants, 30 cts.
Climbing Clothilde Soupert. Rich creamy white flowers, sometimes blush. A vigorous grower, blooming abundantly and persistently almost until frost. Strong 2-year plants, 30c. each, $3 per doz.
Crimson Rambler. Well known and popular. A strong, rapid grower that produces exceedingly large and brilliant clusters of small, double crimson flowers in great profusion. There is nothing finer for training over verandas, walls, pillars, etc.

	EACH	DOZ.
1-year	$0 20	$2 00
2-year	35	3 50
Extra-heavy 6-inch pots	75	
Extra-selected, very heavy 8-in. pots	1 00	

Dawson. Considered by some to be as valuable as the Crimson Rambler. Large clusters of double, bright carmine flowers. Strong grower.

	EACH	DOZ.
1-year	$0 20	$2 00
2-year	30	3 00

HARDY CLIMBING ROSES, continued

Dorothy Perkins. A splendid sort with beautiful shell-pink flowers; full, large and double. The trusses often contain 30 or 40 individual flowers.

	EACH	DOZ.
Strong plants	$0 20	$2 00
Very heavy plants	30	3 00

Harrison's Yellow. Bright, clear, golden yellow. 40 cts. each, $4 per doz.

Helene. Large flowers of a pale violet-crimson, with yellow center, borne in clusters. 35 cts. each, $3.50 per doz.

Multiflora Japonica. See under Bush Roses.

Philadelphia Rambler. Similar to Crimson Rambler, deeper and brighter in color. Strong plants, 30 cts. each, $3.25 per doz.

Prairie Queen. A favorite Rose, with clusters of double rosy pink flowers.

	EACH	DOZ.
2-year	$0 25	$2 50
3-year	35	3 50

Persian Yellow. Very showy bright yellow flowers of medium size. 40 cts. each, $4 per doz.

Reine Marie Henriette. A profusion of cherry red flowers. Requires slight winter protection. 50 cts. each, $5.50 per doz.

Royal Cluster. Double white, medium size. 40 cts. each, $4 per doz.

White Rambler. Perfectly hardy, strong, vigorous grower with white flowers.

	EACH	DOZ.
2-year	$0 30	$3 00
3-year	40	4 00

Yellow Rambler. Large clusters of good sized, deep yellow flowers fading to creamy white as the flower matures.

	EACH	DOZ.
2-year	$0 30	$3 00
3-year	40	4 00

Queen Alexandria. A new sort that resembles the well-known Crimson Rambler, but is lighter in color. Strong plants, 30c. each, $3.50 per doz.

LORD PENZANCE'S, or HYBRID SWEETBRIER ROSES

2-year plants, 40 cts. each, $4 per doz.

Lady Penzance. A beautiful soft coppery hue; base of petals yellow; fragrant foliage and flower.

Lord Penzance. Soft shade of fawn, changing to a beautiful lemon-yellow in the center, sometimes becoming a most delicate pink; excellent grower, abundant bloomer and sweet-scented.

Common Sweetbrier. True English sweetbrier. Single pink flowers. Fragrant foliage.

MISCELLANEOUS ROSES

Baby Rambler; syn., **Dwarf Crimson Rambler**, or **Mme. Norbert Levavasseur.** A compact, new dwarf variety that does not exceed 18 inches in height. Covered with a wealth of crimson flowers that last for a long time. 60 cts. each, $6 per doz.

New Century. Clusters of large, double pink flowers. Tips of petals creamy white. 60 cts. each, $6 per doz.

Soleil d'Or. GOLDEN SUN. The new hardy yellow Rose. Flowers full and globular, very fragrant. Strong plants, 40 cts.

BUSH ROSES

These varieties are very desirable in connection with shrubbery plantings, as well as in groups by themselves.

Carolina. SWAMP ROSE. June until September. Bright pink; hardy, strong grower, especially in moist places. Strong plants, 25 cts. each, $2.50 per doz.

Lucida. Single, bright pink flowers all summer long. Attractive red branches and plump red fruits in winter. 2 to 3 feet, 20 cts. each, $2 per doz.

Multiflora. A Japanese Rose that is covered in June with very fragrant clusters of small semi-double flowers that are succeeded by bright red seed-vessels. It is a strong-growing, quite hardy bush that sends out vigorous, long, recurving or climbing branches, which are capable of being trained as a climbing Rose. Valuable in shrubbery borders and to produce a wild effect. 3 to 4 feet, 25 cts. each, $2.50 per doz.

Nitida. A small-growing plant, 1½ feet high; bright green foliage, with abundance of solitary white flowers. 25 cts. each.

Rubiginosa (Sweetbrier). Favorite, hardy, compact Rose with bright foliage of pleasing fragrance. Strong plants, 25 cts. each, $2.50 per doz.

Rugosa. JAPANESE ROSE. Dark green, wrinkled leaves that are attractive late into the fall. Showy single pink or white flowers that begin in May and continue to bloom all summer, and are succeeded by bright red, round seed-vessels. One of the most attractive plants for shrubbery borders.

	EACH	DOZ.
1 to 1½ feet	$0 20	$2 00
1½ to 2 feet	35	3 50

Setigera. PRAIRIE ROSE. Single deep rose-colored flowers. A splendid sort for natural plantings.

	EACH	DOZ.
2 to 3 feet	$0 25	$2 50
3 to 5 feet	35	3 50

We are desirous of obtaining photographs of specimen trees and shrubs. We want pictures of well-planted lawns and beautiful shrub and flower borders. If persons having good photographs of such horticultural subjects will send them to us, naming price thereon, we shall see if we can use them. If not accepted, we shall return them; but will not be liable for any loss or damage that might occur in so doing.

CLEMATIS PANICULATA AT GLENWOOD (See page 65)

Ornamental Vines

CLIMBING VINES are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. They mature quickly and tone down the stiff, bold angles of new buildings, and give shade and flowers over the porches and trellises. They are cheerful and cooling in climbing over bowers and summer-houses, and wild and natural in running over trees and stumps. In shaded places and beneath old trees where grass will not grow, they are often used as a ground cover. On steep slopes and banks they prevent erosion. They ramble over unsightly, neglected places and make them beautiful with fragrant and brilliant flowers. Vines are strong, robust growers that require little attention other than to occasionally train them.

ACTINIDIA arguta. A vigorous, rapid-growing Japanese vine, with glossy leathery leaves and greenish white flowers, succeeded by greenish yellow fruits. Fine for covering arbors, trellises, walls and to produce wild effects.

	EACH	DOZ.
2½ to 3½ feet, strong plants	$0 35	$3 00
2½ to 3½ feet, 5-inch pots	50	4 50

A. polygama. In most respects it is similar to the above. It has very fragrant, creamy white flowers and handsome foliage. It is a strong, rapid grower and desirable plant. Remarkably free from insect enemies and excellent for trellises, low buildings, fences and the like.

	EACH	DOZ.
2 to 3 feet, strong plants	$0 35	$3 00
3 to 4 feet, heavy plants	50	4 50
A few very heavy, 4 to 6 feet plants	75	7 50

AKEBIA quinata. It is a hardy, quick-growing vine that is graceful and handsome. It is seldom, if ever, attacked by insects. Usually grows best in sunny places, and is generally useful; small, five-lobed, half-evergreen leaves and fragrant, purplish brown or chocolate-colored flowers.

	EACH	DOZ.
1½ to 2½ feet	$0 25	$2 50
2 to 3 feet, from 5-inch pots	50	4 50

AMPELOPSIS quinquefolia. VIRGINIA CREEPER. A hardy native vine of strong, rapid growth. The large handsome leaves are deeply cut into five lobes, hence the name "Five Finger" is often given to it. In the autumn, the foliage turns a beautiful rich crimson. An excellent vine for

Ampelopsis quinquefolia, continued arbors, fences, trellises, walls and for running up trees and over stumps.

	EACH	DOZ.
1 to 2 feet, 1-year	$0 25	$2 00
2 to 4 feet, heavy, 2- and 3-yr. vines	35	3 00
2½ to 3½ feet, heavy vines, from 6-inch pots	50	5 00

var. Engelmanni. Very similar to above; clings closely to its support, and is a valuable vine for covering walls and trellises, and for running over trees and ugly places. The five-fingered leaves are handsome at all times and very bright in the fall.

	EACH	DOZ.
1 to 2 feet, 1-year	$0 25	$2 00
2 to 4 feet, heavy 2- and 3-yr. vines	35	3 00
2 to 3 feet, 5-inch pots	50	4 00

var. Muralis. Resembles the foregoing, but is more slender and shorter jointed, with smaller leaves that are whitened beneath.

2 to 4 feet, heavy 2- and 3-year vines, 35 cts. each, $3 per doz.

A. tricolor. In shape the leaves are similar to those of a grape-vine, and are curiously margined and spotted with tints of pink, white and green. An odd vine that gives variety.

2 to 4 feet, heavy 2- and 3-year vines, 35 cts. each, $3 per doz.

A. Veitchii; syn., tricuspidata. JAPANESE or BOSTON IVY. The tendrils hold tenaciously to any support and the roots find nourishment in the poorest soils. It is a quite hardy, rapid grower. The leaves are strung thickly and overlap one another in a mat of fresh, shining green that turns a brilliant red in autumn. It is the most popular Ivy for covering buildings and walls, and grows well in the smoky atmosphere of cities.

	EACH	DOZ.	100
1 to 2 feet, field-grown	$0 15	$1 00	$6 00
2 to 3 feet, field-grown	20	1 50	10 00
3 to 5 feet, well branched, field-grown	25	2 50	15 00
Heavy vines, well branched, in 4-inch pots	50	5 00	

ARISTOLOCHIA Sipho. DUTCHMAN'S PIPE. A strong, rapid-growing, tropical-looking vine with handsome light green leaves, 8 to 12 inches across. It will give a quick dense shade, and is much used on arbors and trellises. The corolla of the brown flowers is shaped like the bowl of a pipe.

	EACH	DOZ.
2 to 4 feet	$0 50	$5 00
2½ to 3½ ft., heavy plants, 6-in. pots	75	7 50

BIGNONIA. TRUMPET VINE. These are familiar, strong-growing vines, with deep, rich green foliage and large trumpet-shaped flowers in early summer. They are very desirable for covering summer-houses, training over arbors and to climb over trees, rocks and rustic bridges. Bignonias will grow in almost any soil and are hardy, except in the coldest climates.

Bignonia grandiflora. TRUMPET VINE. The orange-red flowers are larger and earlier than *B. radicans*, and it is a more bushy grower.

	EACH	DOZ.	100
2 to 3 feet, 2-yr. plants	$0 35	$3 00	$20 00
3 to 5 feet, heavy plants	50	4 00	25 00
5 to 6 feet, heavy	1 00	10 00	
2 to 3½ ft., heavy plants in 5-inch pots	50	5 00	

B. radicans. SCARLET TRUMPET VINE. Our native species, with deep scarlet flowers. It is a familiar old-fashioned vine that clings tenaciously and grows rapidly to tall heights.

	EACH	DOZ.	100
2 to 3 feet, 2-year vines	$0 25	$2 25	$15 00
3 to 5 feet, heavy 2- and 3-year vines	35	3 00	20 00
2 to 3½ feet, in 5-inch pots.	50	4 50	

CELASTRUS scandens. BITTERSWEET. A native vine with good foliage; yellow flowers in June, and bright, ornamental orange and scarlet berries through the fall and winter. It is very hardy; grows in sunny or shaded places, and is not surpassed as a vine for covering trellis-work, trees, rocks or walls.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 00
3 to 5 feet	50	5 00

CLEMATIS

Vines that flower profusely and are in demand for covering porches, trellises and arbors, and to climb over posts and fences. From a long list of varieties we have selected the following as the most desirable.

Clematis paniculata. A valuable introduction from Japan that differs from all the following. It is a strong, luxuriant grower, with light green foliage that is handsome in itself. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. We recommend it for planting anywhere around the house and for covering posts, fences, walls and stumps.

	EACH	DOZ.	100
1½ to 3 feet, strong, 2-year field-grown plants	$0 25	$2 00	$12 00
1½ to 3 feet, heavy plants, 5-inch pots	40	3 50	

CLEMATIS HYBRIDS

Our plants this year are particularly well rooted. They are all in 4- and 5-inch pots at 40 cts. each, $4 per doz.

Duchess of Edinburgh. Pure white, double flowers.

Fairy Queen. Pale flesh-colored flowers, with a pink stripe across them.

Gypsy Queen. Rich purple.

Henryi. Large, creamy white and handsome.

Clematis Jackmani. Next to *C. paniculata*, this is the most popular variety, with rich royal-purple flowers 2 inches across, borne abundantly in June and occasionally afterward.

Mme. Baron Veillard. Light rose-colored flowers shaded with lilac.

Mme. Edouard Andre. Deep, rich crimson, large flowers.

Mme. Van Houtte. Pure white; extra fine.

Miss Bateman. White, with dark anthers.

Ramona. Very large, deep sky-blue flowers.

Sieboldii. Light lilac.

DOLICHOS Japonica. JAPANESE KUDZU VINE. An extremely rapid-growing vine that has been known to make 40 to 60 feet of growth a year. It is an especially desirable thing for quick effects and useful for hiding unsightly objects. The leaves are large and handsome.

2-yr. heavy plants, 6-in. pots, 50c. ea., $4.50 per doz.

EUONYMUS radicans. CREEPING EUONYMUS. An evergreen species with small glossy leaves and low, trailing habit. It is valued for running over rocks, training to walls and as a ground cover. Also described among evergreen shrubs, page 18.

1 to 2 feet, 2-year vines, 25c. each, $2.50 per doz., $15 per 100.

CLEMATIS JACKMANI

var. variegata. The plant is similar in habit to the preceding and is used for nearly the same purposes. The creamy white markings on the leaves are conspicuous and valued for color contrasts. See page 18.

1 to 2 ft, 2 yrs., 25c. ea., $2.50 per doz., $15 per 100.

FORSYTHIA suspensa. GOLDEN BELL. Sometimes used as a climber. See page 48.

HEDERA Helix. ENGLISH IVY. A familiar evergreen vine, with thick dark green leaves. It grows in almost any soil and is fond of shady places. The young and immature wood sometimes winterkills in localities north of New York, but it is not so much the cold as the bright, late winter suns that kill it. Much used to cover buildings, rocks, trunks of trees, trelliswork, graves and as an evergreen carpet beneath trees in places where grass will not grow.

	EACH	DOZ.	100
2½ to 4 feet, strong field-grown vines	$0 25	$2 50	$15 00
2 to 3½ feet, 4-inch pots .	35	3 50	

IPOMŒA pandurata. HARDY MOONFLOWER. Dark green, heart-shaped leaves forming a dense mat of foliage. Satiny white flowers, blotched with purple. Grows rapidly. Often seen covering stumps and fences.

Strong roots . . . 15 cents each, $1.50 per doz.

JASMINUM. The two varieties described on page 50 are sometimes trained over arbors and trellises.

LONICERA · Honeysuckle

Favorite vines of strong, rapid growth in any soil or location. They are well adapted for all trelliswork, for climbing over arbors and verandas, for training to posts and along fences. They are beautiful when allowed to ramble over trees and bushes in a wild and natural way. The vines take root where they touch the ground, and this habit suits them for creeping over dumps and unsightly places, as well as for retaining purposes on slopes and banks. They withstand shade and make a ground cover in places where grass will not grow.

Lonicera Japonica, var. brachypoda. EVERGREEN HONEYSUCKLE. This variety is very similar in appearance to the well-known Hall's Honeysuckle. The leaves remain green well into the winter. It is a strong grower and desirable sort with fragrant yellow flowers.

1½ to 3 feet, 25 cents each, $2 per doz., $10 per 100.

var. aurea reticulata. GOLDEN HONEYSUCKLE. The leaves, netted with golden yellow, are beautiful in themselves and are valuable for color contrasts with other kinds. It is a good hardy grower with fragrant cream-colored flowers.

	EACH	DOZ.	100
1 to 2½ feet	$0 25	$2 00	$10 00
1 to 2½ feet, 4-inch pots .	40	4 00	

Lonicera Japonica, var. Chinensis. The leaves are reddish green, often with purplish veins beneath. In winter the foliage turns to a beautiful bronzy hue and lasts well on toward spring. The profusion of buds are tinted with pink and open into very fragrant white and pink flowers. This is one of the best varieties for every purpose.

	EACH	DOZ.	100
1 to 2½ feet	$0 20	$1 50	$8 00
2 to 4 feet, heavy, 2 years old	25	2 00	10 00
3 to 6 feet, very heavy, 3 years old	35	3 00	15 00
2 to 3 feet, heavy plants, 4-inch pots	40	4 00	

var. Halliana. Hall's Honeysuckle. The most popular variety. Glossy, light green leaves; strong, vigorous, half-evergreen habit and a wealth of bloom in June that is succeeded by very fragrant flowers until frost. White and buff in color.

	EACH	DOZ.	100
Strong vines	$0 25	$2 00	$12 00
2½ to 3½ feet, strong vines, 5-inch pots	40	4 00	25 00

L. sempervirens, var. fuchsioides; syn., **L. punicea.** Scarlet Trumpet Honeysuckle. Differs widely from the Japanese forms and is brilliant in bloom with its clusters of tubular scarlet flowers that continue all summer. Bluish green leaves. A very pretty and desirable sort.

	EACH	DOZ.	100
1 to 2½ feet	$0 25	$2 50	$15 00
2 to 4 feet, strong vines	30	3 50	20 00
3 to 5 feet, heavy vines	40	4 00	25 00
2 to 3½ feet, strong, 5-inch pots	40	4 00	

LYCIUM Chinense. Matrimony Vine. Very hardy and grows anywhere. The slender, drooping branches are somewhat thorny and bear grayish green leaves. The small flowers, varying from pink to purple, are noticed from June to September and are then succeeded through the fall and winter by a profusion of bright scarlet and orange fruits. A good plant for trelliswork and bowers, it is desirable in neglected places and to creep over walls and rocks.

2 to 3 feet, 1 year . . 20 cents each, $2 per doz.

PERIPLOCA Græca. Silk Vine. A rapid grower, with dark green, silky leaves. Small purple flowers in July. Valued for covering trees, stumps, etc.

	EACH	DOZ.
1 to 2 feet	$0 25	$2 00
2½ to 3½ feet, 6-inch pots	50	4 50

ROSES. The Crimson, White and Yellow Rambler Roses, as well as the Dawson, Multiflora, Prairie Queen and Setigera varieties, are splendid climbers and should be included in all orders for vines. There are no vines more beautiful than flowering Roses, as they climb and ramble over any support given them. For description and prices, see page 62.

VINCA major. A vine with handsome, deep green foliage and especially suited for hanging baskets or window-boxes of flowers, also for tubs and vases. It is tender and should be brought indoors during the winter. It is persistent in bearing single light blue flowers.

Strong vines from 4-inch pots, 15 cts. each, $1.50 per doz., $10 per 100.

var. variegata. This is a beautiful variegated form of the above, with conspicuous white markings on the leaves. Its habit is similar to the above in every way. The bright silvery foliage does not fade.

Strong vines from 4-inch pots, 15 cts. each, $1.50 per doz.

V. minor. Periwinkle. A familiar evergreen creeper that bears blue flowers in early spring and is common as a carpet in shady places or on rockeries and graves.

25 cts. each, $1.50 per doz., $6 per 100.

WISTARIAS. Strong-growing vines that wrap themselves tightly about any support, and are valued most for covering bowers, porches and training over tree trunks. In May they bear abundant dense drooping clusters of flowers similar in shape to those of a sweet pea, and occasionally a lighter crop follows in August.

W. Chinensis. Chinese Wistaria. The common variety, which flowers so profusely in May. Flowers pale blue; fragrant. It withstands the smoke of cities; grows anywhere.

	EACH	DOZ.
2 to 3 feet	$0 35	$3 50
3 to 5 feet, heavy plants	60	5 50
2½ to 3½ feet, heavy, 6-inch pots	50	5 00

var. alba. A beautiful white-flowering form of our common Wistaria, that possesses the strong-growing, hardy qualities of its parent, and is especially pretty to have flowering in connection with its pale blue flowers.

	EACH	DOZ.
1½ to 3 feet	$0 35	$3 50
3 to 5 feet	60	5 00
4 to 6 feet, exceptionally strong, heavy plants	1 00	10 00
2½ to 3½ feet, 6-inch pots	75	6 00

W. magnifica. American Wistaria. Fragrant lilac flowers in dense medium-sized clusters.

	EACH	DOZ.
2 to 4 feet, heavy	$0 40	$4 00
4 to 6 feet, extra strong	60	5 50
2 to 3 feet, 5-inch pots	60	5 50

W. multijuga. Loose-cluster Wistaria. Immense long panicles (often 3 feet in length) that are loosely filled with deep purple flowers which hang thickly from all over the vine at the close of May. In other respects it is similar to the foregoing.

	EACH	DOZ.
3½ to 5 feet	$0 60	$6 00
3 feet, 5-inch pots	75	7 50

When planting vines, we find they will grow more bushy and cling better to their support if cut back to within six or eight inches of the ground at the time of planting. Write for prices by the hundred and thousand.

HEDGE OF GOLDEN RETINOSPORA AT GLENWOOD

Hedge Plants

The value of hedges in ornamental planting is realized. The beauty of living plants is greatly to be preferred to the stiff and measured lines of fences. Annual trimmings and occasional weedings and cultivation are all the care that established hedges require, and with age they increase in density and beauty, instead of rotting away with time. Evergreen hedges, fresh and green at all seasons, retain their beauty and serve the purpose for which they are intended, even in winter. They should be trimmed in either May or August, and may be kept at any desired height. They increase in density and branch out at the ground, making a thick, almost impenetrable wall. As screens to unsightly objects and as windbreaks for exposed places, there is nothing better. Deciduous hedges grow more rapidly and are less expensive. They require the same care, and should usually be trimmed in winter. The flowering hedges are most showy with their long lines of bloom, and the thorny plants serve best for defensive purposes. There are really very few Shrubs or Evergreens that will not make good hedges. It is impossible to repeat descriptions of all of them in this chapter, and we have enumerated only the kinds most generally used. Prices upon other sorts will be furnished upon request.

CONIFEROUS EVERGREENS

PICEA excelsa. NORWAY SPRUCE. A strong, rapid grower in any soil. It withstands cold and exposure and therefore is admirably suited for windbreaks and shelter-belts. If annually sheared, it will make a dense, compact hedge that may be kept any desired height. This is the cheapest and most reliable Evergreen hedging plant. Our stock is unusually bushy, well rooted and in splendid condition.

	DOZ.	100	1,000
1½ to 2 feet; plant 15 to 18 inches apart	$4 00	$25 00	$200 00
2½ to 3 feet; plant 18 to 24 inches apart	6 00	35 00	300 00
3 to 4 feet; plant 2 to 2½ feet apart	9 00	60 00	500 00

RETINOSPORA plumosa. GREEN RETINOSPORA. A good hedge plant, with soft green foliage and dense habit if sheared.

18 to 24 inches; plant 12 to 15 inches apart, $7.50 per doz., $55 per 100.

var. aurea. GOLDEN RETINOSPORA. The most beautiful golden evergreen for hedging purposes. It has a thick, dense habit, and is a strong, vigorous grower. The bright golden color makes it conspicuous in the landscape and beautiful in contrast with the green of other trees, or with buildings and walks that are light in color.

	DOZ.	100
15 to 18 inches; plant 10 to 12 inches apart	$4 00	$25 00
15 to 20 inches, heavy plants that should go 12 to 15 inches apart .	7 50	60 00

HEDGES OF BERBERIS THUNBERGII, ROWS OF CATALPA BUNGEI ON EITHER SIDE. STOCK FURNISHED BY US

Retinospora squarrosa, var. Veitchii. SILVER RETINOSPORA. Very similar in habit to the above, but differs in the silvery blue coloring of its foliage.

	DOZ.	100
12 to 18 inches; plant 10 to 12 inches apart	$4 00	$25 00
15 to 20 inches; heavy plants that should go 12 to 18 inches apart	7 50	60 00
1½ to 2 feet; very dense, heavy trees that will go 18 to 24 inches apart	15 00	100 00
2 to 2½ feet; very dense, heavy trees that will go 20 to 30 inches apart	18 00	135 00

The last two sizes will make a good, thick hedge right off.

THUYA occidentalis. AMERICAN ARBORVITÆ. This tree is a strong, hardy grower, of pyramidal habit, and just the thing to plant as a screen about clothes yards, objectionable buildings, fences, etc., as well as a blind to unsightly objects of any kind. If desired, it will attain a height of 18 to 20 feet, but may be kept within smaller bounds. It is a fast grower, with soft, light green foliage.

	DOZ.	100
2 to 3 feet, heavy plants, set 15 to 18 inches apart	$4 00	$25 00
4 to 5 feet, heavy plants, set 20 to 24 inches apart	10 00	70 00
5 to 6 feet, heavy plants, set 20 to 30 inches apart	15 00	100 00

T. compacta. COMPACT ARBORVITÆ. A dwarf, bushy form, with foliage similar to the above. It is most used as an edging and for enclosing cemetery lots, but is desirable wherever a low hedge is needed. A very hardy and reliable hedge plant that we recommend for more general use.

Thuya compacta, continued

	DOZ.	100
10 to 15 in.; 10 to 12 in. apart	$2 50	$15 00
12 to 15 inches, heavy plants that go 12 to 15 inches apart	$5 00	$30 00
20 to 30 inches, very heavy, that go 18 to 24 inches apart	12 00	75 00

ARBORVITÆ ARCH HEDGE WITH WHITE PINES IN BACKGROUND

Thuya globosa. GLOBE ARBORVITÆ. A round, ball-like form.

	DOZ.	100
10 to 15 inches, plant 10 to 12 inches apart	$2 50	$15 00
15 to 20 inches, very heavy plants that go 15 to 20 inches apart	7 50	55 00

TSUGA Canadensis. HEMLOCK SPRUCE. A rapid grower in any soil; very hardy, and unsurpassed in beauty as a hedge plant. By trimming it can be made dense and bushy. Particularly good for high hedges. The dense young growth is feathery and graceful. It makes a splendid hedge.

	DOZ.	100
12 to 18 in.; plant 10 to 12 in. apart	$3 50	$20 00
18 to 24 in.; plant 10 to 12 in. apart	4 50	25 00
3 to 4 feet, natural form; plant 2 feet apart	10 00	75 00
4 to 5 feet, natural form; plant 2 to 2½ feet apart	15 00	100 00
3 to 4 feet, sheared, bushy and heavy; 2 to 2½ feet apart	15 00	100 00
4 to 5 feet, sheared, bushy and heavy; 2½ feet apart	21 00	150 00

EVERGREEN SHRUBS

AZALEA amœna. A strong, dense-growing little plant that has tiny leaves that turn a beautiful bronze in winter. In April or May it is aglow with a multitude of small claret-colored flowers. It thrives in open or shady places. It makes a beautiful edging or border.

	DOZ.	100
12 to 15 inches, very bushy; plant 15 to 18 inches apart	$10 00	$75 00
15 to 20 inches, very bushy; plant 18 to 24 inches apart	15 00	100 00

BUXUS suffruticosa. BOX EDGING. This is the familiar and popular dwarf Box Bush, which is so much used as an edging to walks, and is valued in all formal and old-fashioned plantings. We have a splendid stock of American-grown plants to offer. The larger size will give immediate results.

	100	1,000
5 to 6 inches; should go 2 to 3 inches apart	$7 00	$50 00
6 to 8 inches; should go 2 to 2 inches apart	15 00	100 00

ILEX crenata. JAPANESE HOLLY. A very desirable hedge plant, but not reliably hardy in cold, exposed places.

10 to 15 inches; should go 10 to 12 inches apart. $5 per doz., $40 per 100.

DECIDUOUS HEDGE PLANTS

ACER Tataricum ginnala. SIBERIAN MAPLE. This little tree is a strong, hardy grower. The foliage is handsome, and turns a brilliant scarlet in the autumn. Its dense, compact, twiggy growth makes it admirably adapted for tall screens or for forming natural borders. Will attain a height of about 15 feet at maturity.

	DOZ.	100
3 to 4 feet; plant 18 inches apart	$3 50	$25 00
4 to 5 feet; plant 2 feet apart	6 00	35 00

BERBERIS Thunbergii. JAPANESE BARBERRY. One of the best hedge plants in cultivation. A good, hardy grower of low, dense growth. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. It grows rapidly to a height of about 4 feet, withstands shearing and becomes more dense and compact when so treated. It is particularly ornamental; tiny, brilliant leaves adorn it in spring and summer. In autumn the foliage is a bright crimson that makes a gorgeous showing; when it falls a profusion of scarlet berries are revealed upon the branches and remain unmolested through the winter. We recommend it highly.

	DOZ.	100	1,000
12 to 18 inches; plant 10 inches apart	$2 50	$15 00	$120 00
18 to 24 inches; plant 12 inches apart	3 00	18 00	150 00
2 to 3 feet; plant 12 to 15 inches apart	4 00	25 00	200 00

B. vulgaris. COMMON BARBERRY. A slightly taller grower than the Japanese variety, of more erect habit and larger foliage.

2 to 3 feet; plant 12 to 15 inches apart; $3.50 per doz., $20 per 100.

var. purpurea. PURPLE-LEAVED BARBERRY.

	DOZ.	100
12 to 18 in.; plant 10 in. apart	$2 00	$12 00
18 to 24 in.; plant 12 in. apart	2 50	15 00
2 to 3 feet; plant 12 to 15 inches apart	3 50	20 00

CARPINUS Betula. EUROPEAN HORNBEAM. A small, twiggy tree, not unlike the Beech in appearance. It is useful in tall screens and hedges. The dry leaves are retained all winter. A very satisfactory plant.

2 to 3 feet; plant 15 to 18 inches apart; $3.50 per doz., $15 per 100.

CRATÆGUS cordata. WASHINGTON THORN. A desirable species flowering in June, coloring brightly in the fall, and hung with red fruit well into winter. The thorns and habit make it a defensive and ornamental hedge.

4 to 5 feet; plant 18 to 20 inches apart; $8 per doz., $50 per 100.

C. Crus Galli. COCKSPUR THORN. Neat in appearance, of strong growth; very hardy, and much used for hedging and grouping. The thorny branches grow out horizontally. The leaves color brilliantly in autumn. Bright scarlet or orange-colored fruits.

	DOZ.	100
2½ to 3 feet; plant 12 to 15 inches apart	$4 50	$20 00
3 to 4 feet, very heavy; plant 18 to 20 inches apart	7 00	40 00
4 to 5 feet, very heavy; plant 2 ft. apart	9 00	50 00

CYDONIA Japonica. JAPANESE QUINCE. An old-fashioned hedge plant that bursts out with scarlet or pink flowers, during the first warm days of spring.

12 to 18 inches (seedlings); plant 8 inches apart; $3.50 per 100.

HEDGE OF CALIFORNIA PRIVET, TWO YEARS AFTER BEING PLANTED BY US

FAGUS sylvatica. EUROPEAN BEECH. If left untrimmed this becomes a large tree, but may be easily trained into a tall, hedge or screen. The stout twigs grow so tightly together that they soon form a thick, impenetrable wall. When the dark green foliage dies in the fall it remains until spring, and thus makes this tree serve admirably as a constant screen against unsightly objects.

	DOZ.	100
5 to 6 feet, low branched; plant 2 feet apart	$10 00	$70 00
6 to 8 feet, low branched; plant 2½ feet apart	12 50	100 00
8 to 10 feet, low branched; plant 3 feet apart	18 00	125 00

HIBISCUS Syriacus. ALTHEAS. These make very desirable flowering hedges. They are robust growers and bloom abundantly at the close of July and last for 4 or 5 weeks, if trimmed in winter to increase the new growth of flowering wood. We offer a number of varieties on page 48. The unnamed kinds are generally preferred for hedging, so as to give a variety of color. The prices on unnamed and assorted varieties of our selection are:

	DOZ.	100
2 to 3 feet; plant 1 foot apart . .	$2 50	$18 00
3 to 4 feet; plant 18 inches apart.	3 50	25 00

HYDRANGEA paniculata grandiflora. This plant, so familiar with its great panicles of bloom at the close of summer, is often used effectively in hedges.

	DOZ.	100
1 to 2 feet; plant 12 inches apart.	$2 25	$15 00
2 to 3 feet; plant 18 inches apart.	3 00	20 00
3 to 4 feet; plant 2 feet apart . .	4 50	30 00

LIGUSTRUM Amurense. AMOOR RIVER PRIVET. Small, light green leaves that are retained well on into winter. It is considered more hardy than the California Privet, and makes a very strong, thick hedge.

2 to 3 feet; plant 10 to 12 inches apart; $2.50 per doz., $15 per 100, $120 per 1,000.

L. Ibota, var. Regelianum. A handsome variety of good habit, with slender branches that droop preceptibly at the ends. It is more hardy than the California Privet, more graceful, and gives promise of being an equally satisfactory hedge plant.

2 to 3 feet; plant 10 to 12 inches apart; $3.50 per doz., $18 per 100, $140 per 1,000.

CALIFORNIA PRIVET

L. ovalifolium. This plant is so universally known and so generally used for hedges that a description of it is scarcely necessary. It is a rapid grower under all conditions, has handsome glossy foliage that lasts well into winter and withstands

Write for prices on any hedge plant you do not see listed

California Privet, continued

any amount of trimming. We have an elegant stock of heavy plants, that are splendidly rooted and not to be compared with a great deal of the weak light Privet which is put upon the market.

	Doz.	100	1,000
18 to 24 inches; plant 10 inches apart	$2 50	$6 00	$25 00
2 to 3 feet, heavy; plant 10 to 12 inches apart .	3 50	8 00	50 00
3 to 4 feet, heavy; plant 12 inches apart . . .	4 50	12 00	75 00
4 to 5 feet, heavy; 12 to 15 inches apart . . .	6 00	20 00	125 00

MACLURA aurantiaca. Osage Orange. A cheap thorny hedge plant, with bright glossy leaves. Makes a durable fence; grows anywhere.

1-year; plant 6 inches apart; $1.50 per 100, $7 per 1,000.

RHAMNUS catharticus. Buckthorn. A stout, strong-growing shrub that is very hardy. It requires little attention and is highly desirable as a hedge plant. The leaf is dark green, and there are white flowers followed by black fruits.

	Doz.	100
3 to 4 ft.; plant 12 in. apart .	$3 00	$18 00
4 to 5 ft.; plant 18 in. apart .	4 50	30 00
5 to 6 ft.; plant 18 to 20 in. apart	5 50	35 00

SPIRÆA opulifolia. Ninebark. This strong, robust shrub answers every requirement of a hedge plant and is frequently used. For a fuller description, see page 56.

	Doz.	100
- 3 to 4 feet; plant 18 inches apart.	$3 00	$20 00
- 4 to 5 feet; plant 20 to 24 inches apart	4 00	25 00

S. prunifolia flore pleno. Bridal Wreath. This makes a dense hedge and is magnificent when covered in May with innumerable tiny white flowers. We have a splendid hedge of this in our nurseries.

	Doz.	100
3 to 4 feet; plant 18 inches apart.	$2 50	$18 00
4 to 5 feet; plant 12 to 15 inches apart	3 50	20 00

Ornamental Reeds and Grasses

There are few things more effective in landscape work than this class of plants. They are strong, rapid growers in almost any soil. During the close of summer they come into bloom and are most showy and ornamental with their large flower-plumes. The Arundos are straight and erect; the Grasses slender and graceful. Both are excellent for bedding; each is equally well suited for mixed plantings of any kind. They annually increase in beauty and give so much satisfaction that we do not hesitate recommending them for more extensive use.

ARUNDO Donax. Great Reed. A tall, bamboo-like plant, with long, green, narrow leaves, well suited for planting along water edges and for borders and the lawn. 25 cts. each, $2.50 per doz.

var. variegata. A beautiful variegated form; it is valued almost anywhere; has creamy white and green leaves. 35 cts. each, $4 per doz.

var. macrophylla glauca. Giant Reed. This mammoth sort attains a height of 15 feet. The long, narrow leaves are glossy dark green. 25 cents each, $2.50 per doz.

BAMUSA. Bamboo. These odd and interesting plants from the semi-tropics have been found hardy here and are decorative in many places. A slight winter protection is desirable, but not entirely necessary.

B. aurea. Straight yellowish stem and light green foliage. Grows 15 to 20 feet high. $1 each.

B. Metake. An evergreen species, 6 to 8 feet high, with large deep green foliage. $1 each.

B. Simoni. A deciduous form that grows 10 to 20 feet high. $1 each.

EULALIA gracillima univittata. Japan Rush. A beautiful, tall swaying grass, with narrow green leaves and a conspicuous silvery white midrib. 15 cts. each, $1.50 per doz., $10 per 100.

E. Japonica variegata. The long, narrow leaves are striped with a band of white. A graceful and beautiful plant. 15 cts. each, $1.50 per doz., $10 per 100.

Eulalia Japonica, var. zebrina. Similar to the above, save that stripes of yellow run across the leaves. 15 cts. each, $1.50 per doz., $10 per 100.

GYNERIUM argenteum. Pampas Grass. Grows 8 to 10 feet high in a season and is most ornamental with its long silvery plumes; needs slight protection. 25 cts. each, $2.50 per doz.

EULALIA JAPONICA, VAR. ZEBRINA

A GARDEN OF HARDY PERENNIALS WITH BOX-EDGED WALKS

Hardy Perennial Plants

There is an unprecedented demand for these old-fashioned hardy garden flowers, and we are giving increased attention to the raising of them. There is not a time during the whole flower season in which some hardy perennial is not in bloom, and, when the wooded shrubs are almost bare of flowers in July and August, these little plants make a fine display. They are not fastidious regarding the soil, and year after year they will reappear in the same place with increased strength and ready to flower more abundantly than before. They require scarcely any attention, and nothing is finer for borders along fences or walls and at the boundaries of the lawn. Planted at the front of shrubbery groups they give a brilliant display, and they are valuable in innumerable places that will suggest themselves. The selection we offer includes the most desirable varieties, but by no means all that we can supply; so that persons wanting sorts not catalogued here will do well by writing to us.

Except where otherwise noted, the price of these plants is: 15 cents each, $1.50 per doz., $10 per 100

ACHILLEA. MILFOIL, or YARROW.

A. Ptarmica fl. pl., "The Pearl." 2 feet. In July it is covered with a profusion of small pure white double flowers.

A. Millefolium roseum. ROSY MILFOIL. All summer and on into fall there are heads of rosy red flowers on stems about 18 inches high. The foliage is cut deeply.

ALTHEA rosea. The HOLLYHOCKS sometimes catalogued under this name are listed on page 76.

AMSONIA tabernæmontana. A shrubby plant 2 feet high, with terminal spikes of clear blue flowers in June.

ANTHEMIS tinctoria. HARDY MARGUERITE. A bushy plant about 18 inches high, with a continuous show through the summer of golden yellow, daisy-like flowers.

AQUILEGIA chrysantha. COLUMBINE. Growing to about 18 inches to 2 feet. From May to July bright with fragrant golden yellow flowers.

Aquilegia chrysantha, var. alba. A creamy white variety of the preceding.

A. cœrulea. ROCKY MOUNTAIN COLUMBINE. A handsome form that grows about 18 inches high and is showy from May to July, with blue flowers.

A. vulgaris. The European type with violet-blue flowers.

BOCCONIA cordata. During July and August this tall perennial (6 to 8 feet) is at its best, with large, loose terminal panicles of creamy white flowers. It is a splendid thing to use in shrubbery borders and in connection with smaller plants of any kind.

BOLTONIA asteroides. FALSE CHAMOMILE. A strong-growing plant, 3 to 5 feet high, that is covered during the summer and early autumn with hundreds of small white flowers. The Boltonias are the most showy herbaceous plants that we have.

B. latisquama. The flower is very pale pink, in other respects similar to the above.

CAMPANULA persicifolia. PEACH-LEAVED BELL-FLOWER. Spikes 1½ to 2 feet high, that are loaded with blue flowers in June and July.

C. pyramidalis.. CHIMNEY BELL-FLOWER. The most conspicuous Campanula when weighted in September with 4- to 5-foot spikes of blue flowers. 25 cents each, $2.50 per doz.

CARYOPTERIS Mastacanthus. VERBENA SHRUB. A shrubby little plant that is bright and showy in September covered with the blue verbena-like flowers. It should be cut back each spring and is then one of the best plants for the hardy garden. 25 cents each, $2 per doz.

CERASTIUM tomentosum. The common name "Snow in Summer" is descriptive of this little plant that is almost hidden beneath white flowers in June and July.

CHRYSANTHEMUMS. We offer an assortment of hardy Pompon varieties. They flower profusely in October, are not injured by frosts, and therefore, gay and beautiful after everything else in the garden has been killed. They are excellent for cut-flowers and bouquets. Sure bloomers and satisfactory growers of 2 to 3 feet, that should be included in all orders for plants of perennial character.

DELPHINIUM formosum. HARDY LARKSPUR. 3 to 4 feet high. A continual bloomer from June until frost. The familiar old-fashioned dark blue variety.

DIANTHUS plumarius. HARDY PINKS. These are old-time favorites that require little attention and flower bountifully each year. They are valued for an edging, also in rockeries or wherever a low plant is needed. We offer two varieties.

D., Diamond. Early flowers, fringed with white.

D., Souv. de Salle. Pure white.

DIGITALIS gloxiniæflora. FOXGLOVE. Familiar old-fashioned plants, that grow 3 to 4 feet high and flower in June. We offer assorted colors.

FUNKIA cœrulea. PLANTAIN LILY. Large, handsome leaves. Spikes of blue flowers in July and August. Valuable for individual as well as collective planting.

GAILLARDIA grandiflora. BLANKET FLOWER. We offer no more desirable herbaceous plant than this one, which begins to flower in June and continues unremittingly until frost. It grows 2 to 3 feet in height and thrives almost anywhere. The center of the flower is a dark, reddish brown, while the orange petals are differently marked with bands of scarlet-crimson and vermilion.

GYPSOPHILA paniculata. This is a well-known, old-time favorite, known as Baby's Breath. It is a very reliable and satisfactory plant for the hardy-flower border. Its long, slender flower-stalks are laden in August and September with tiny pure white flowers that are especially delicate and suitable for bouquets, etc. It is a strong grower, 3 to 4 feet high.

HELIANTHUS, Soleil d'Or. HARDY SUNFLOWER. Strong growers; succeeding anywhere. Useful in connection with shrubbery borders, in clumps by themselves as well as all herbaceous plantings. They grow 4 to 5 feet high and in August and September bear large golden yellow flowers which closely resemble Dahlias.

HELENIUM autumnale superbum. SNEEZEWORT. During late summer and early fall this strong plant, 3 to 4 feet in height, is aglow with golden yellow flowers.

HIBISCUS Moscheutos, var. Crimson Eye. A woody plant often 5 feet in height. It is fond of moist places, although it grows well in drier soils. In September it bears large, single flowers with crimson centers. It is a beautiful plant in bloom and especially suited for mixed borders.

HOLLYHOCKS. Hollyhocks are so well known that they do not require describing. Their value in perennial borders and for interspersing among shrubbery is realized. We offer the double fringe Allegheny Hollyhocks in assorted colors. 20 cts. each, $2 per doz.

HYPERICUM Moserianum. ST. JOHN'S WORT. A beautiful little plant with handsome, glossy foliage that makes a striking background for the rich golden yellow, saucer-like flowers that first come in May and then continue all summer. It is a low, broad grower 1½ feet high. Makes a splendid edging and useful in all plantings. 25 cts. each, $2.25 per doz.

IBERIS sempervirens. EVERGREEN CANDYTUFT. A low evergreen plant that is literally covered with flat heads of pure white flowers during April and May.

Except where otherwise noted, the price of Perennial Plants is: **15 cents each, $1.50 per doz., $10 per 100**

IRIS

Sometimes known as "Flags" and often spoken of as "Fleur de Lis." Popular herbaceous plants that come up year after year, and each season stronger and more floriferous than the previous. They grow in clumps and do well in almost any soil; are desirable in borders and shrubbery and are beautiful in beds and groups by themselves, and for planting along water edges. The flowers embrace a variety of colors and innumerable tints of blue, yellow and white. Those of the German forms are not so delicately colored, nor are they so large as the flowers of the Japanese varieties. They bloom the latter part of May and are through flowering by the last of June, when the Japanese Iris are brilliant with their wealth of flowers. Both are needed to give a continuous effect from May to July.

IRIS Germanica. German Iris.
- **Adonis.** The earliest to flower. Royal purple.
- **Albino.** Pale lavender, tinged with purple.
- **Britannica.** Blush.
- **Candida.** Pure white.
- **Chameleon.** Delicate blue.
- **Chas. Dickens.** Blue.
- **Herant.** Blue.
- **Madame de Brabant.** Blue.
- **Pallida.** Dark blue.
- **William III.** Light blue.
- **Queen of Gypsies.** Upper petals chocolate-brown, lower one bluish yellow.

Any of the above, 15 cts. ea., $1.50 per doz

If the selection is left to us, we have a large number of varieties to choose from and can give a better assortment of colors. Plants of our selection, 10 cts. each, $1 per doz., $7 per 100.

IRIS Kæmpferi. Japan Iris.
- **Doshiska.** Bluish white; dark veined.
- **Emperor.** Purple.
- **Gloriosa.** Reddish-purple; yellow center.
- **Meiran.** White, striped with blue.
- **Sultana.** Blue petals, splashed with white and light center.
- **Tokyo.** Blue, white center.
- **White Empress.** White, with blue veins.

Any of the above, 20 cents each, $2 per doz.

Our stock includes, besides the above, a number of varieties from which we can select a more varied assortment at a lower price. Varieties of our selection, 15 cents each, $1.50 per doz., $10 per 100.

LOBELIA cardinalis. Cardinal Flower. From August to October. The bright scarlet flowers are among the most brilliant in the hardy border, growing 2 to 2½ feet high.

LYSIMACHIA nummularia. Creeping Jenny, or Money-wort. Valuable for planting in shady places, where it quickly forms a dense carpet in spots that grass will not grow in.

LYTHRUM roseum superbum. Rose Loosestrife. Valued in all perennial borders and moist soils. Grows about 3 feet high, and from July to September it is bright with spikes of rose-colored flowers.

PENTSTEMON barbatus Torreyi. Beard Tongue. Is a showy thing from June to August with spikes 3 to 6 feet high of brilliant scarlet color.

BLOCK OF IRIS AT GLENWOOD NURSERIES

PEONIES

These old-time favorites are again popular and are being planted more than ever before. Their great flowers are perfectly formed and are often as fragrant and as delicately colored as a rose. They grow best in a rich, deep soil and sunny position, but will thrive in partially shaded places. They are admired in all herbaceous borders for planting among shrubbery, and are valuable in beds or groups by themselves. Grow about 2 feet high, and flower in May and June. We offer a carefully selected assortment of the best varieties, which include some of the newer and handsomer introductions.

Achille. Pale pink, profuse bloomer. 30 cts. each, $3 per doz.

Except where otherwise noted, the price of Perennial Plants is: 15 cents each, $1.50 per doz., $10 per 100

PEONIES, continued

Atrosanguinea superba. Carmine. 75 cts. each, $7.50 per doz.

De Lachie. Purple. 50 cts. each, $5 per doz.

Duchesse de Nemours. Bright lavender-pink, fragrant. 40 cts. each, $4 per doz.

Duke of Wellington. White, with creamy center. 75 cts. each, $7.50 per doz.

Festiva alba. Creamy white, occasionally spotted with carmine. Dwarf. 50 cts. each, $5 per doz.

Festiva maxima. The largest and finest white variety, with small scarlet flecks in the center of the flower. 75 cts. each, $7 per doz.

Floral Treasure. Bright pink; very fragrant. 75 cts. each, $7.50 per doz.

Giganthea. Fine early pink. $1 each.

Golden Harvest. The nearest approach to yellow. 50 cts. each, $5 per doz.

Grandiflora rubra. Deep red. 50c. each, $4 per doz.

Hericartiana. Soft rose, with light center. 25 cts. each, $2.50 per doz.

Humei. Bright rosy pink. 25c. each, $2.50 per doz.

Humei alba. Guards flesh, tipped white, blush center. 30 cts. each, $3 per doz.

Jeanne d'Arc. Soft pink; fragrant. 60 cts. each, $6 per doz.

La Tulipe. Flesh-pink, shaded to ivory-white. 75 cts. each, $7.50 per doz.

L'Esperance. Sulphur-white. 25 cts. each, $2.50 per doz.

Madame Breon. Rose-pink, changing to yellow. 40 cts. each, $4.50 per doz.

Madame Ducel. Salmon-pink, striped silvery white. 75 cts. each, $7.50 per doz.

Madame Geissler. Lilac-pink and white. 50 cts. each, $5 per doz.

Madonna. Salmon-pink. 25c. each, $2.50 per doz.

Marie Lemoine. Delicate flesh, blending to white. $1 each.

Mt. Blanc. White guard petals, with creamy yellow center. 60 cts. each, $6 per doz.

Ne Plus Ultra. Large, well formed, clear flesh-pink. 40 cts. each, $4.50 per doz.

Ophir. Dark carmine, single flowers. 35 cts. each, $3.50 per doz.

Perfection. Flesh-pink. 25c. each, $2.50 per doz.

Pottsii. Deep rose; late-flowering. 25 cts. each, $2.50 per doz.

Psyche. Bright rose; fine full flower. 25 cts. each, $2.50 per doz.

Queen Victoria. Late; white, creamy center. 40 cts. each, $4 per doz.

Richardson's rubra superba. Deep crimson; very fragrant. 60 cts. each, $6 per doz.

Rose Brilliant. Showy rose-colored flowers. 25 cts. each, $2.50 per doz.

Rosea superba. Full rosy pink and extra large. 40 cts. each, $4 per doz.

Rubra triumphans. Deep crimson. 40 cts. each, $4.50 per doz.

Victoria tricolor. Fragrant; pink, rose and salmon mixed. 25 cts. each, $2.50 per doz.

PÆONIA OFFICINALIS. These are the old-fashioned favorites which come into bloom about ten days earlier than the other sorts. They are abundant and sure bloomers. We offer three varieties.

var. alba. Blush white. 25c. ea., $2.50 per doz.

var. rubra. A handsome deep red. 25 cts. each, $2.50 per doz.

var. rosea. Bright pink. 25c. each, $2.50 per doz.

P. tenuifolia. This type has beautiful fern-like foliage. We offer either single- or double-flowering sorts at 40 cts. each, $4 per doz.

P. moutan. JAPANESE TREE PEONIES. These are dwarf shrubs that flower earlier than the herbaceous Peonies. The flowers are large and beautiful. We offer assorted colors at $1 each, $10 per doz.

PHLOX

Familiar plants in old dooryards, and valuable in all hardy borders. They grow in any soil, and range in height from 1 to 4 feet, and flower continuously from June until October. The flowers are borne in clusters at the top of each shoot. There is a wide range of color among them, and we offer an assortment that includes the most desirable shades.

Our Phlox are all 15c. each, $1.50 per doz., $10 per 100

Athis. Deep pink.

Aurora borealis. Orange-red.

B. Compte. Dark crimson, almost purple.

Crepuscle. Pale lavender, with light halo in center.

Eclaireur. Purplish crimson.

Eugene Danzenvillier. Lilac, shaded white, white center.

J. H. Slocum. Dark red.

Lothair. Salmon-red, carmine eye.

Ornament. Dwarf grower; pale pink, with a crimson eye.

Peachblow. Blush.

Professor Schlieman. Salmon-rose, carmine eye.

Rendatler. Grayish purple.

Richard Wallace. White, with pink center.

Thebaide. Salmon-red, crimson eye; dwarf.

The Pearl. Pure white; splendid heads; a tall grower and desirable sort.

Phlox subulata. MOSS, or MOUNTAIN PINK. A low-growing, half-creeping evergreen, that is buried in very early spring beneath a multitude of little flowers. It is a splendid thing for a ground cover in barren places, for rockeries, graves and bedding. We offer two varieties.

var. alba. White flowers.

var. rosea. Pink flowers.

PHYSOSTEGIA. FALSE DRAGON HEAD. Spikes of bloom 3 or 4 feet high, from June to September.

P. Virginica. Soft pink; showy.

var. denticulata. Very delicate pink.

Except where otherwise noted, the price of Perennial Plants is; 15 cts. each, $1.50 per doz., $10 per 100

PLATYCODON. Balloon-Flower, or Chinese Bell-Flower.

P. grandiflora. Resembles the Campanula in appearance, and blooms continuously from June until October. Grows about 2 feet high. The flowers are 1 to 1½ inches across and bell-shaped. Usually a deep blue, sometimes white.

P. Japonica flore pleno. Double flowers, otherwise same as above.

PYRETHRUM hybridum. June. Flowers resemble the asters, and vary in color from white to shades of pink, red and purple. Feathery foliage.

RUDBECKIA. Golden Glow. From July to September the tall swaying stems are aglow with golden yellow, dahlia-like flowers. Strong, robust grower. 5 to 6 feet.

SAGE, Holt's Mammoth. Large, light green leaves. Valued in old-fashioned and kitchen gardens because of the culinary value which the dried leaves have as a flavoring.

SEDUM spectabile. Brilliant Stone-Crop. A stout, heavy-looking plant, with broad, oval, light green leaves. Grows about 18 inches high and bears handsome heads of rose-colored flowers in late summer and early fall.

STOKESIA Cyanea. Familiarly known as the Cornflower Aster. Grows 18 to 24 inches high, and from July until October it bears large double flowers often 4 to 5 inches across. They are lavender-blue in color and very pretty.

TRITOMA Pfitzerii. The everblooming Flame Flower, or Red-Hot Poker, grows 3 to 4 feet high, and sends up stiff stems, that are often crowned a distance of 12 inches with orange-scarlet flowers. Conspicuous throughout the summer, and desirable for bedding or mixed planting.

T. Uvaria grandiflora. This variety has darker flowers and blooms later than *T. Pfitzerii.* In other respects it is very similar.

Hardy Fruits and Nuts

We offer a splendid assortment of the varieties which have proven the most generally satisfactory, either for commercial or domestic use. Our stock is in strong, healthy condition and free from San José scale or any insect pests.

APPLES

5 to 6 feet, ¾ to 1 inch caliper, 35 cts. each, $3.50 per doz., $25 per 100

EARLY VARIETIES

Autumn Strawberry. Very productive, small, juicy, deep red.

Early Harvest. Very early, medium size, straw color, splendid flavor.

Gravenstein. Autumn. Large, yellow striped with red. Among the best.

Maiden's Blush. Pale yellow, with blush cheek; good for cooking.

Ohio Nonpareil. A large, early autumn red Apple of great productiveness.

Red Astrachan. Very early, crimson, streaked with yellow; juicy and desirable.

Smokehouse. September. Large; red and yellow, splendid for eating.

Summer Pearmain. Red, sweet and juicy.

Townsend. Juicy, red striped; excellent for cooking.

Yellow Transparent. August. Yellow, juicy and desirable.

LATE VARIETIES

American Golden Russet. High-flavored and spicy; good keeper.

Baldwin. Large, deep red; very productive and desirable.

Ben Davis (New York Pippin). Bright red and juicy; valued for commercial purposes.

Bellefleur. Large, yellow, with red cheek, juicy and splendid for eating.

Bismarck. A German Apple with large brilliant fruits.

Fallawater. Greenish yellow, tender; subacid, good keeper and valuable sort.

Fall Pippin. Autumn. Tender mellow Apple, of yellow color.

Grimes Golden. Yellow Apple of the best quality, good keeper.

King of Tompkins Co. Large, red, productive and good for cooking or eating.

Nero. A fine winter Apple with remarkable keeping qualities.

Northern Spy. Pale yellow striped with red; good keeper and splendid Apple.

Rambo. Yellow, streaked red, mild flavor.

Rawles Genet. Yellow, striped with red; strong grower and prolific bearer.

R. I. Greening. Popular for either cooking or eating; yellowish green, fine flavor, and good bearer.

Rome Beauty. Yellow and bright red, early winter.

Smith Cider. Popular, late-keeping red Apple; prolific bearer.

Tolman's Sweet. Light yellow, pale blush, rich and sweet, excellent for cooking.

Wealthy. Late fall. Red, streaked with white, good.

Winesap. A fine red winter Apple that is productive.

York Imperial. Large, red Apple of agreeable flavor; desirable.

CRAB APPLES

General Grant. Late autumn. Small, round fruit, yellow, striped with red.

Transcendent. September. Large, yellow and red. Very productive.

APRICOTS

40 cts. each, $4 per doz.

Alexis. A Russian variety, bearing yellow fruit with red cheeks at the close of July.

Harris. Large, golden yellow fruit; early in July.

Moorpark. First of August. Firm, juicy fruit of darker color than the above.

Nicholas. A productive Russian variety ripening at the close of July.

CHERRIES

5 to 6 feet, ¾ to 1 in. caliper, 60c. each, $6 per doz.

Black Eagle. Large, productive; deep black; sweet Cherry of fine quality.

Black Tartarian. Big, dark red, or black Cherry; of splendid flavor.

Coe's Transparent. Sweet, early, red Cherry of desirable quality.

Downer's Late Red. Dark red, of agreeable flavor, and keeps well on the tree.

Early Richmond. A very productive pie or sour Cherry that is prized for cooking and preserving.

Elton. A large, pale yellow Cherry, touched with red; sweet flavored.

English Morello. A late red, sour variety that is valued for culinary purposes.

Governor Wood. Large white Cherry, shaded with red; sweet and delicious.

Louis Philippe. Large, dark red, slightly tart Cherry.

May Duke. A favorite early variety with slightly acid, red fruit; valuable for cooking and preserving.

Montmorency. Large, red tart fruit; very prolific and desirable.

Napoleon. A large, sweet, white Cherry with red cheeks.

Reine Hortense. A large, red Cherry of excellent quality, slightly tart.

Yellow Spanish. Pale yellow with a red cheek; firm fruit of excellent flavor.

MULBERRIES

For prices and descriptions, see page 33.

NECTARINES

40 cts. each, $4 per doz.

Downton. Greenish white, with dark red cheek; highly flavored.

PEACHES

Extra heavy, 5 to 6 feet, 20 cts. each, $2 per doz., $12 per 100

Alexander. July and August. Greenish white spotted with deep red; firm, sweet and juicy. Slightly clingstone; very productive.

Chair's Choice. Ripens last of September. A yellow freestone Peach of splendid flavor and valuable for canning.

BLACK TARTARIAN CHERRY

Champion. August. Firm, white, freestone Peach that is rich, sweet and juicy.

Crawford's Early. August and September. A large, yellow Peach of splendid quality; strong grower and prolific fruiter.

Crawford's Late. Last of September. Large, yellow freestone Peach of the best quality. A prolific bearer and a most popular variety.

Crosby. September. Medium-sized, yellow with streaks of carmine; of good quality and hardiest variety known.

Elberta. August. A very large, yellow freestone Peach, that is rich, sweet and juicy. A vigorous grower and splendid sort for eating or preserving.

Globe. Last of September. Large, golden yellow with red cheek, sweet and luscious flavor; a desirable freestone variety.

Mountain Rose. August. Large, red freestone Peach with white flesh. Rich, juicy and sweet. One of the best early varieties.

Morris White. September. Firm, medium size, white Peach, sweet and juicy.

Oldmixon Free. Large, yellowish white, freestone, of excellent flavor and productive.

Reeves' Favorite. August. Large, yellow, with fine, red cheek; delicious, juicy; splendid sort.

Stephen's Rareripe. September. Large, handsome, white Peach of finest quality; a regular bearer.

Stump the World. Large, freestone, white, with red cheek, firm, juicy and of excellent quality.

PEARS

SUMMER VARIETIES

5 to 6 feet, ¾ to 1 inch caliper, 50c. each. $5 per doz.

Bartlett. September. A popular variety with large yellow fruit; sweet and juicy; excellent for eating or preserving; a prolific bearer and strong grower.

Clapp's Favorite. August and September. Large, pale yellow, with crimson cheek. Abundant fruit; fine for eating. Pick early and ripen indoors.

Doyenne d'Ete. July. Small, yellow, shaded red; good.

Osband's Summer. August. Medium-sized; yellow, with reddish brown cheek.

Tyson. August. A regular bearer, of good, medium-sized sweet Pears.

Wilder. August. A firm Pear, with reddish cheeks. Medium size and desirable sort.

AUTUMN VARIETIES

Belle Lucrative. September and October. Medium-sized, pale yellowish green, juicy and good.

Beurre d'Anjou. October and November. Large, russet-yellow, good-tasted and productive sort.

Buffum. October. Large, russet, of splendid flavor.

Flemish Beauty. September and October. Large, greenish yellow, sweet and juicy.

Seckel. September and October. A little brown Pear exceptionally sweet and juicy.

Sheldon. October. Large, russet and red; rich, melting and juicy, fine flavored.

WINTER VARIETIES

Duchesse de Bordeaux. October. Yellow, with russet cheek, sweet and good; late keeper.

Kieffer. October and November. Very vigorous and productive; even when young. Large, yellow, fine for preserving; good keeper and valuable commercial Pear.

Lawrence. November to January. Rather large, yellow Pear, of splendid rich flavor.

Vermont Beauty. October. Medium-sized, yellow Pear, with red cheeks, sweet and juicy; a good keeper.

DWARF PEARS

40 cts. each, $4 per doz.

Duchesse d'Angouleme. October. Large, greenish yellow Pear, rich and juicy; desirable sort.

Bartlett. September. Familiar large, yellow Pear, that is splendid for eating or cooking.

Beurre d'Anjou. October to December. Large, russet-yellow, of excellent flavor, productive and a good keeper.

Clapp's Favorite. August. Resembles the familiar Bartlett Pear; good for eating, but should be ripened indoors.

Lawrence. November to January. Rather large, and splendid rich Pear.

Seckel. September and October. A little, brown Pear exceptionally sweet and juicy, delicious for eating.

PERSIMMONS

American. Our native species, which bears so abundantly. 40 cts. each, $4 per doz.

PLUMS

50 cts. each, $5 per doz.

Bradshaw. July. Large, dark violet-red, good and juicy.

German Prune. September. Blue, medium size, fine flavor, and productive.

Imperial Gage. Middle of August. Good-sized, freestone, greenish in color, sweet and juicy, desirable and productive.

Lombard. Last of August. Violet-red, yellow flesh, agreeable flavor, vigorous and bountiful fruiter.

Shropshire Damson. Last of September. Medium-sized, dark purple variety, valued for preserving.

Yellow Gage. August. Medium-sized, yellow, rich and juicy; an excellent, productive variety.

JAPAN PLUMS

Abundance. August. Large; red skin, yellow flesh; sweet, rich and good tasted.

Burbank. August. Red; valuable domestic sort, with sweet, rich, yellow-fleshed fruit of good size.

Hale. September. Large and handsome, yellow blushed with red. Vigorous grower and productive, splendid sort.

Wickson. September. Dark red, good size, agreeable flavor. Very productive.

QUINCES

40 cents each, $4 per doz.

Champion. October. Large and productive, splendid for cooking and a good keeper.

Orange, or **Apple.** September. Large, handsome fruit of good quality; a popular sort.

CURRANTS

$1.25 per doz., $8 per 100

Black Naples. A vigorous black-fruited variety.

Cherry. Large scarlet, excellent quality; productive.

Fay's Prolific. Large red; more mild than above.

North Star. Large clusters of sweet, rich fruit.

Red Dutch. A familiar old variety with small fruit of agreeable flavor.

Versailles. Equally good and similar to the Cherry Currant.

BLACKBERRIES

$1 per doz., $4 per 100

Erie. Early, hardy and productive. Large, sweet fruit of excellent quality.

Kittatinny. Vigorous late sort, with large sweet fruit.

Rathbun. Heavy bearer, extra large of good quality.

Snyder. Medium-sized berries; very productive and exceptionally sweet and good.

Wilson Jr. The largest early Blackberry. Quality good.

GOOSEBERRIES

Downing. Very large; whitish green; excellent for domestic use. 2 years, $1.50 per doz., $8 per 100.

Industry. Dark red; excellent sort; very productive. 2 years, $2.50 per doz., $12 per 100.

Josslyn, or **Red Jacket.** Very fruitful and desirable. $2.50 per doz., $12 per 100.

GRAPES

2 years, 25 cents each, $2.50 per doz., $15 per 100

Agawam. Red; large, sweet and desirable.

Brighton. Fine-tasted, excellent quality, red variety.

Campbell's Early. Black; large bunches; good quality.

Catawba. Late red; medium-sized, productive, sweet variety.

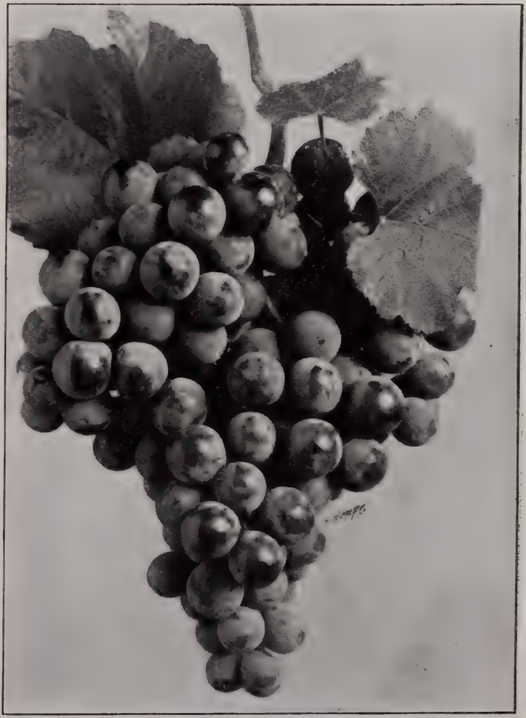
Champion. Black; quality fair.

Concord. Blue, familar sort that produces large bunches of blue berries of delicious flavor.

Diana. Red; medium-sized; productive and sweet.

Duchess. White; late; excellent quality.

Delaware. Red; small compact bunches of delicious fruit.



BRIGHTON GRAPE

GRAPES, continued

Eaton. Black; enormous bunches; large fruit.

Hartford Prolific. Black; early; fair quality.

Iona. Red; large bunches of excellent fruit; poor grower.

Jefferson. Red, desirable, sweet, juicy fruit.

Lady. White, compact, medium bunch, fair quality.

Lindley. Red, good reliable; sweet-fruited sort.

Moore's Diamond. White, early, handsome, compact bunches.

Moore's Early. Black, very early; in other respects similar to Concord.

Niagara. White, large, compact bunches; sweet, delicious flavor.

Pocklington. White, large clusters, big fruit.

Rockwood. Black, large, good quality.

Salem. Red, large bunches, sweet tender fruit.

Ulster Prolific. Red, good quality.

Vergennes. Red. Bears abundantly; good quality.

Wilder. Black, large bunches; berries sweet and tender.

Worden. Black, large clusters, big berries; sweet, agreeable flavor.

Wyoming Red. Red; small, compact bunches, little sweet Grape.

RASPBERRIES

$1 per doz., $3 per 100

Cuthbert. Late red, large, firm, sweet and luscious.

Golden Queen. Yellow fruit, in other respects similar to Cuthbert.

Gregg. Large, early black variety of splendid quality.

Loudon. A moderately early red sort with fruit of excellent quality.

Marlboro. Handsome red berry of good quality.

Souhenan. Very early, especially fruitful, black berries.

STRAWBERRIES

$2 per 100, $5 per 1,000

EARLY

Crescent. Very productive, and stands hardship; small fruit of fair quality.

Early Hathway. New; large fruit of good quality.

Excelsior. Very early, firm and large.

Marshall. Large and early.

MID-SEASON

***Bubach.** Very large and productive, quality fair.

Clyde. Very fruitful, small berry; bright red in color and very showy.

***Sample.** Good quality, large berry; valuable for extending the season.

Sharpless. A favorite, sweet berry and reliable sort.

Wm. Belt. Vigorous, good tasted, satisfactory sort.

***Warfield.** Enormously productive. Medium-sized, good quality.

LATE

Aroma. Popular, large, excellent quality.

Brandywine. Reliable, medium-sized, sweet berry.

Gandy. Popular late sort, of desirable qualities. Is very profitable in some sections.

Haverland. Firm berry of good quality.

Nick Ohmer. A fine sort with large berries of delicious flavor.

*Varieties with imperfect flowers that should be planted near others.

On account of the perishable condition of Strawberry Plants, we advise that they should be shipped by express. Our Strawberry plants quoted herein are put up especially for the retail trade, and are large and finely rooted.

VEGETABLE ROOTS AND PLANTS

ASPARAGUS—2-yr., $1 per 100; $5 per 1,000.

- **Barr's Mammoth.** Large, green variety that is a strong grower; splendid market sort.
- **Columbian Mammoth.** A vigorous grower of excellent quality with white shoots.
- **Conover's Colossal.** Mammoth shoots of quick and vigorous growth. A profitable market variety.
- **Donald's Elmira.** Large tender green shoots of good quality.
- **Dreer's Eclipse.** Tender, light green, very productive.

Asparagus, Palmetto. Claimed to be better than Conover's Colossal, as it yields a heavier crop, that is equally desirable.

HOP VINES. 15 cts. each, $1.50 per doz.

HORSE-RADISH. 25 cts. per doz., $1 per 100, $5 per 1,000.

RHUBARB, or PIE PLANT. 20 cts. each, $1.50 per doz., $10 per 100.

SAGE, Holt's Mammoth. The best for culinary purposes. 15 cts. each, $1.50 per doz., $10 per 100.

NUTS

ALMONDS, Hard or Soft Shell. 3–4 ft., 40 cts. each, $4 per doz.

CHESTNUTS, American Sweet. Our native sort.
4–5 ft., 50 cts. each, $5 per doz.
5–6 ft., 75 cts. each, $6 per doz.

Japan Giant. Large nuts, bears when young, but not so sweet and tender as the common variety.
4–5 ft., $1.25 each, $12 per doz.
Bearing age, $2 each, $21 per doz.

FILBERT, English. Nuts large and of good flavor.
3–4 ft., 35 cts. each, $3 per doz.

PECAN, Paper Shell. Beautiful, rapid-growing tree, producing oblong, sweet nuts of good quality.
3–4 ft., 50 cts. each, $5 per doz.

SHELLBARK HICKORY, Thin Shell.
4–5 ft., 50 cts. each, $5 per doz.

WALNUTS, Black. The well-known native species.
3–4 ft., 50 cts. each, $5 per doz.
4–5 ft., 75 cts. each, $6 per doz.

English. The thin-shelled variety, which is sold at the fruit stands. In sheltered situations the tree is a vigorous grower, and in many localities very productive.
2–3 ft., 50 cts. each, $4.50 per doz.
5 ft., 75 cts. each, $6 per doz.

Japan. Hardy; the meat is sweet, shell thinner than common walnuts.
6–7 ft., 75 cts. each, $6 per doz.

White Walnut, or Butternut.
4–5 ft., 50 cts. each, $4.50 per doz.

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THE WM. H. MOON CO.
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MORRISVILLE, PENNSYLVANIA

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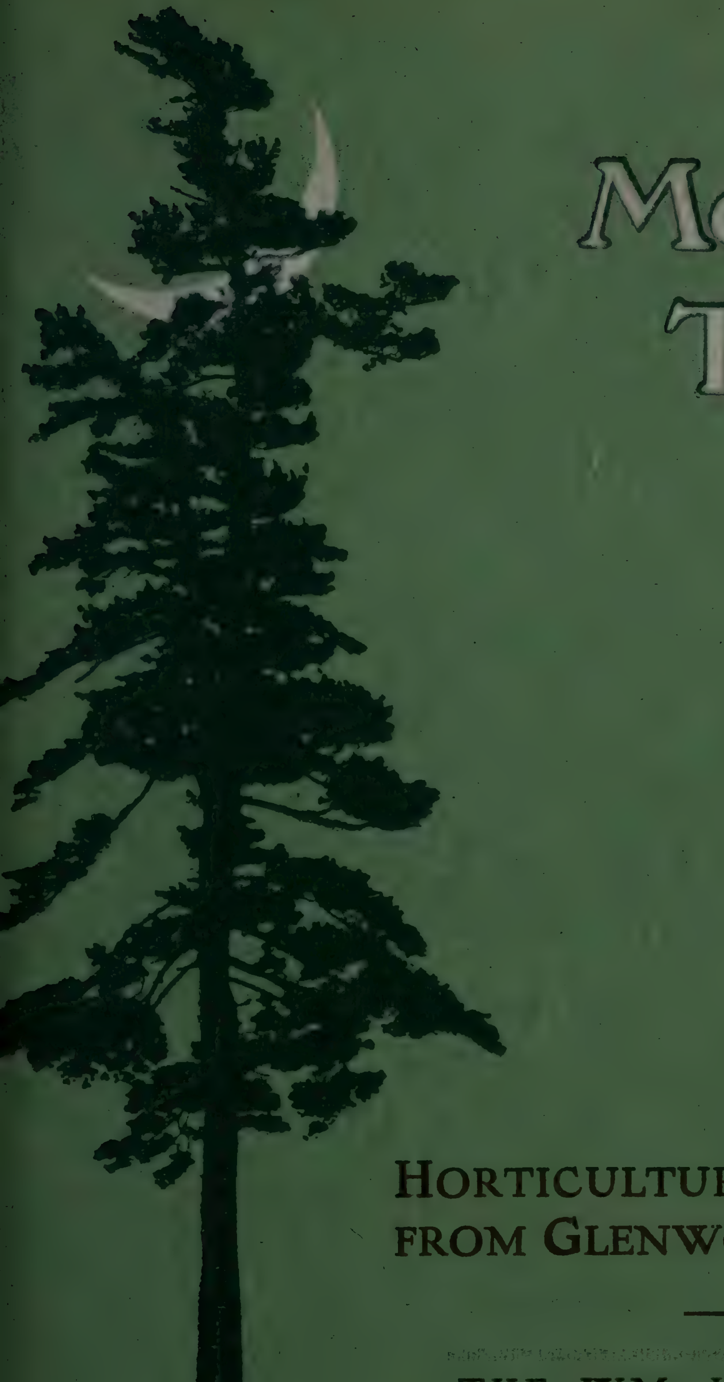
Moon's Trees



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MORRISVILLE, PENNSYLVANIA

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PHILADELPHIA OFFICE
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FORMAL GARDEN AND EVERGREEN PLANTING DESIGNED AND EXECUTED BY US

Successful Landscape Planting

In planting a new lawn or in remodeling an old one, it is best to have an expert acquainted with trees and plants to help in arranging them in the most artistic and effective way. Let us who have had so much experience in planting lawns, assist in making yours. You will get better results for the money expended and will be saved the expense and disappointment of planting things unsuited for your location and soil.

The groupings of flowers and shrubbery or the location of trees must be so placed that they will produce a harmonious whole that makes the lawn abound in interest and beauty. At the same time, they must fulfil their mission of giving shade or hiding from view some unsightly object; framing some vista with foliage; making a display of flowers and enhancing the beauty of the place to the owner's satisfaction.

Consult us about planting plans that will help you to get such results. We solicit correspondence with all who contemplate improving and beautifying their grounds, whether it be on the lawn of the modest home or on the larger estates.

GROUP OF EVERGREENS AT GLENWOOD

THE WM. H. MOON CO.
21 SOUTH TWELFTH STREET
PHILADELPHIA, PA.

Nurseries at
Morrisville, Pa.

Foreword

THIRTY-FOUR years ago William H. Moon started the Glenwood Nurseries with twenty acres of trees; today we own and operate upwards of three hundred acres. At first there were a few local customers; now we have thousands of patrons, and "Moon's Trees" are growing in every state and territory in the Union. The raising of trees and shrubs for ornamental purposes has always been our specialty. Our assortment is unsurpassed; it now contains fifteen hundred different varieties — the best exotic and native sorts. We know that people do not want weak, inferior or diseased plants to eke out an existence on their lawns or to contaminate the ones that they already have. Through the year, forces of men are busily engaged going about our Nurseries giving needed attention to our stock. The trimming and training of our trees to make straight stems and bushy, symmetrical heads is diligently attended to. The frequent cultivation of the soil about the roots and fertilizing of such plants as need feed is regularly done to keep our stock in strong, healthy, growing condition. A vigilant lookout is at all times kept for the attacks of disease and insects, and every effort is used to rid our stock of such injurious pests. Quality is paramount with us; to raise the very choicest Nursery Products, our aim.

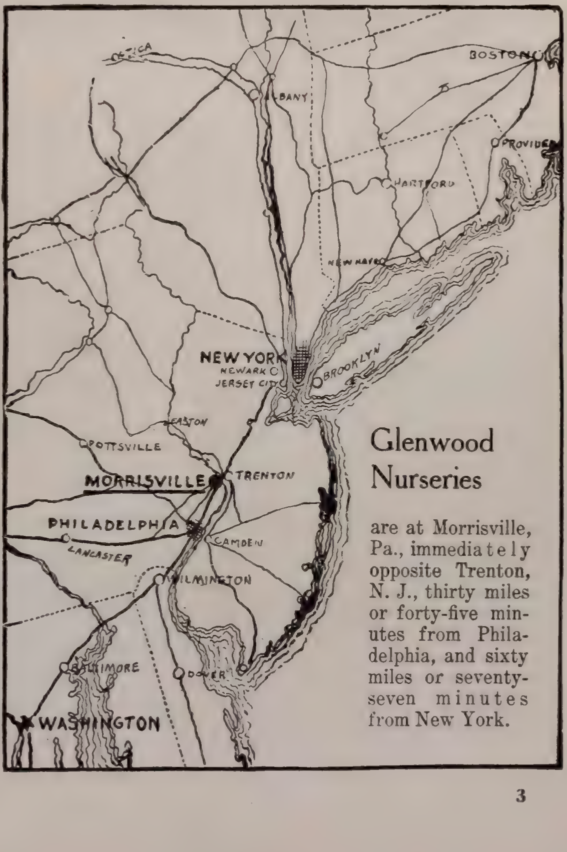
Evergreens are our leading specialty. Just about all the varieties that can be grown in this latitude are in stock. There are also many handsome, individual specimens that will produce an immediate effect. Nowhere else is such a collection of Evergreens to be found. Ornamental Trees, Deciduous Shrubs, Hardy Roses, Decorative Vines and Old-fashioned Perennial Plants are grown in lavish quantities and profusion of variety. Some plant for every place and purpose can be found in our collection.

The getting together of such a stock has required years of careful, persistent research and toil, for we have striven for superiority of quality and genuineness of variety in all branches of our trade; and we now invite your inspection of our nurseries, on any day except the Sabbath. A much better idea of our stock can be gained in this way than from the most explicit descriptive catalogue.

How to Reach the Glenwood Nurseries

The accompanying map shows the central location of the Glenwood Nurseries, near Morrisville, Bucks County, Pa., accessible by train or trolley from New York or Philadelphia. Easiest reached by Pennsylvania railroad trains to Trenton, N. J., and thence by carriage, that may be secured at the depot, or by trolley from Warren and Hanover streets (Trenton). All trolleys from this point for Yardley, Pa., pass our nurseries (1½ miles distant) ten or fifteen minutes out from Trenton, N. J. Persons along the line of the Philadelphia and Reading railway may come to Yardley, Pa. and from there reach our nurseries after a short trolley ride.

Our Philadelphia office is located at 616 Stephen Girard Building, 21 South 12th street, Philadelphia, Pa., where full information regarding our stock can also be obtained.



Glenwood Nurseries

are at Morrisville, Pa., immediately opposite Trenton, N. J., thirty miles or forty-five minutes from Philadelphia, and sixty miles or seventy-seven minutes from New York.

BUSINESS TERMS

Net cash or satisfactory reference. Orders from unknown parties, whose financial rating is not recorded in Dun or Bradstreet, must be accompanied by reference or a draft on New York or Philadelphia, or Registered Letter or Money Order on Morrisville, Pa.

Please Write Orders on a separate sheet, apart from the body of the letter; please also give name and address distinctly.

Packing and Shipping. No charge is made for packing or for delivery to freight depots or express offices in Trenton, N. J. Plain and explicit shipping directions should be given with every order, naming mode and route for forwarding; otherwise we shall use our own judgment, but, upon delivery to railroad, steamboat or express companies, our responsibility ceases.

Errors. In the press of business, errors may sometimes occur, of which we desire to be informed at once, that we may make proper amends, as we wish to render full satisfaction to all favoring us with their custom.

A Certificate of Inspection as to healthfulness and freedom from disease accompanies every shipment of our stock.

Address all correspondence to

James M. Moon, *President*
Henry W. Comfort, *Vice-President* } *Directors*
Edward C. Williamson
Wm. H. Moon, *Sec., Treas. and General Mgr.*
Henry T. Moon, *Assistant Manager*

THE WM. H. MOON CO.
MORRISVILLE, PA., or PHILADELPHIA, PA.

Certificate of Inspection

"Our Nurseries are annually inspected by State authorities and continually by ourselves. A certificate of inspection testifying to the freedom from disease is attached to every shipment of our stock."

EFFECTIVE PLANTING OF HEMLOCKS IN THE FOREST

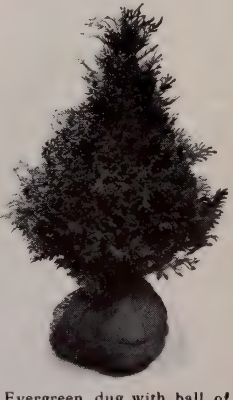
GROUP OF HEMLOCKS (See page 15)

Coniferous Evergreens

THE successful transplanting and handsome growth of "Moon's Evergreens" have become proverbial. The soil at the Glenwood Nurseries is especially adapted to them. Under our system of cultivation these trees are frequently transplanted or root-pruned to make them develop splendid root systems that will nourish and sustain the trees when moved. Each tree is given ample space in which to develop symmetrically, and, when necessary, they are sheared to make them more dense and shapely. These shearings reduce the height of the tree, but so much improve it that this fact accounts for difference in price where but slight difference in height exists.

Evergreens may be planted in the spring, or with equal success later, in August and September. Besides their recognized value for specimen trees, massing, shelter-belts, screens, hedges, etc., the tall evergreens form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver-blue growths of smaller evergreens.

With evergreens of moderate growth, beautiful effects are produced by planting close together, in beds, varieties that contrast finely. For such beds of permanent color, the Retinosporas, Arborvitæs, Blue Spruce, etc., are useful. Hotels and private homes also use them for interior decorations. The different forms of Arborvitæs, Retinospora, Spruce, Pine and Juniper are preferred for this purpose. The contrasting colors of green, silvery blue and golden foliage give a gay and beautiful



Evergreen dug with ball of earth, and ready for packing appearance to these combinations, whether in window-boxes or in more extensive outdoor plantings of beds or borders. There is an increasing appreciation of and demand for these evergreen decorations.

Species marked (L) usually attain at maturity a height of 60 feet. (M) signifies from 30 to 60 feet, (S) from 10 to 30 feet, (D) 4 to 10 feet and (VD) below 4 feet.

Abies · The Firs

The Firs are mostly quick-growing, hardy evergreens that are useful in producing natural and wooded effects, as well as in the more artificial decoration of parks and lawns. They mature rapidly, and for this reason they are invaluable for planting in connection with slower-growing, longer-lived trees; because they have given the immediate effect, and are ready to give place to the permanent trees that have matured more slowly. The soft, deep green needles of most varieties are fragrant with balsamic odors. Much used for grouping, specimens, windbreaks and hedging.

Abies Apollinis. (M) Olive-green needles with a silvery under surface. Shapely tree of good habits.

4 to 6 feet	$6 00
6 to 8 feet	$8 to 10 00

A. balsamea. BALSAM FIR. (M) An ornamental native of our forests, that is very hardy; has dark green needles of pleasant fragrance; grows rapidly when young and does well in moist soils.

	Each	Doz.
3 to 4 feet	$1 25	$12 50
4 to 5 feet	2 00	20 00

A. Canadensis. HEMLOCK SPRUCE. (See *Tsuga Canadensis*, page 15.)

A. Cephalonica. CEPHALONIAN FIR. (M) A broad, pyramidal variety of European origin. Foliage a beautiful dark green. Makes handsome specimens.

2 to 2½ feet	$2 50

Abies Cilicica. (L) A beautiful tree with narrow, flat leaves, fine dark green above and silvery white beneath.

1½ to 2 feet	$1 50

A. concolor, var. violacea. WHITE FIR. (L) This is the best strain of this exceedingly hardy tree from the western states. Grows rapidly and forms magnificent specimens. Pale, glaucous blue needles that are nearly as effective as those of the popular Blue Spruce.

3 to 3½ feet	$3 50

A. Fraseri. DOUBLE BALSAM FIR. (L) Similar to the well-known Balsam Fir, but of finer habit, with darker foliage and of longer life. A cheap, quick-growing, desirable evergreen.

	Each	Doz.	100
2 to 2½ feet	$0 75	$8 00	$60 00
2½ to 3 feet	1 00	10 00	75 00
4 to 5 feet	2 00	21 00	

PLANTING OF CONIFERS AS A SCREEN IN FRONT OF STABLE

Abies excelsa. NORWAY SPRUCE. (See *Picea excelsa*, page 9.)

A. nobilis, var. glauca. NOBLE SILVER FIR. (L) A beautiful conifer whose foliage is a silvery blue. It is particularly handsome in the spring.

1½ to 2 feet $2 00

A. Nordmanniana. NORDMANN'S FIR. (L) Thick, dense tree of beautiful proportions. The needles are dark green and lustrous, with a silvery under surface that sparkles in the sun. This is one of the prettiest and best evergreens that we offer. It sometimes winter-kills in the New England states, but is handsome as a specimen and for grouping.

	Each	Doz.
2½ to 3 feet	$2 50	$25 00
3 to 4 feet	3 50	36 00
4 to 5 feet	5 00	55 00
5 to 6 feet	8 00	90 00
6 to 7 feet	15 00	150 00

Abies pectinata. EUROPEAN SILVER FIR. (L) This is a popular evergreen. It grows very rapidly in almost any soil and is, therefore, valuable for quick results. A splendid tree to use in natural or woods plantings, also for tall screens or evergreen borders. Its habit is upright and shapely. The slender branches reach out gracefully, and when given the space that an open lawn affords make fine symmetrical heads. The needles are soft and much admired.

	Each	Doz.	100
2½ to 3 feet	$0 75	$7 50	
3 to 4 feet	1 25	12 50	$85 00
6 to 7 feet	3 50	36 00	
7 to 8 feet	7 00	70 00	

A. Veitchii. (L) Slender pubescent branches covered with leaves of a beautiful dark green above and silvery white beneath. Very hardy in our northern states.

3 to 3½ feet $3 00

Biotas, or Chinese Arborvitæs

These Arborvitæs, introduced from the orient, have proven to be strong growers and handsome specimens. North of New York City they should be planted in sheltered places.

Biota orientalis aurea. GOLDEN CHINESE ARBORVITÆ. (D) A dense, compact evergreen that is yellowish green in the spring and a bright green later in the season.

2 to 3 feet $2 00

var. elegantissima. ROLLINSON'S GOLDEN ARBORVITÆ. (S) A splendid golden upright form that turns a beautiful bronze in the winter. Especially useful for color contrasts.

4 to 5 feet	$4 00
5 to 6 feet	5 00

Biota orientalis, var. filiformis; syn., **Japonicum.** THREAD-BRANCHED ARBORVITÆ. (D) A tender form, with green feathery foliage.

2½ to 3 feet $2 50

var. semper aurescens. EVER-GOLDEN ARBORVITÆ. (D) A very compact, low-growing form, with bright golden foliage in summer that changes to a bronze color in winter. Also one of the most brilliant golden evergreens in spring.

	Each	Doz.
2 to 2½ feet	$2 50	$25 00
2½ to 3 feet	3 50	36 00

Cedrus · The Cedars

Highly ornamental trees that should be more generally used south of Philadelphia, or in sheltered locations north of that place.

Cedrus Atlantica, var. glauca. MT. ATLAS SILVER CEDAR. (M) A rare tree with open branches and light bluish foliage that is especially attractive.

4 to 5 feet $4 00

Cupressus · Cypress

Cupressus Lawsoniana. LAWSON'S CYPRESS. (L) Drooping branches; soft, dark green foliage.

3 to 4 feet $2 50

Juniperus · The Junipers and Cedars

A group remarkable for the varied forms it embraces. Trees of medium heights down to the smallest dwarfs are included here, while different green, yellow and silvery hues characterizes the foliage. Junipers possess remarkable vigor and thrive in bleak, barren situations; in poor, stony soils; in low, damp ground; at the seashore, or almost anywhere. The columnar forms are valued for formal effect, or to break the monotonous outline of other trees; the trailing ones for rocky slopes and sandbanks. Also used in groups, borders and for individual planting.

Juniperus Canadensis, var. aurea; syn., **Douglasii.** DOUGLAS' DWARF GOLDEN JUNIPER. (VD) A low, spreading form with golden yellow foliage that turns a beautiful bronze in winter. It is very showy as an edging and beautiful in groups and rockeries. It is admired wherever a hardy little golden evergreen is needed, and we recommend it highly.

	Each	Doz.	100
1 ft. high, 1 to 1½ ft. broad	$0 75	$7 00	$40 00
1½ ft. high, 1½ to 2 ft. broad	1 00	10 00	

J. communis, var. Hibernica. IRISH JUNIPER. (S) A slender, columnar tree, with glaucous green foliage. Very useful in formal planting for grouping with other evergreens and for small yards, rockeries and cemeteries.

PICEA EXCELSA (See opposite page)

Juniperus communis, var. Hibernica, continued

	Each	Doz.	100
1½ to 2 feet	$0 60	$6 00	$35 00
2½ to 3 feet	75	7 50	

var. pyramidalis. PYRAMIDAL JUNIPER. (S) Similar in habit to the above, but a taller and more rapid grower; less dense, lighter color.

	Each	Doz.
2 to 2½ feet	$0 75	$7 50
5 to 6 feet	2 50	25 00

var. Suecica. SWEDISH JUNIPER. (S) Very hardy; closely resembles *J. Hibernica,* but has a lighter tint to its foliage.

1 to 1½ feet . . . 60 cts. each, $6 per doz.

J. excelsa, var. stricta variegata. (S) A desirable variety of conical form with grayish green foliage, interrupted with branchlets of creamy white. The color is constant throughout the year.

4½ to 5 feet $4 00

J. Japonica. JAPANESE JUNIPER. (D) A form useful for rockeries and specimens, with light green and glaucous foliage.

2 to 2½ feet	$1 50
2½ to 3 feet	2 00

var. aurea. GOLDEN JAPANESE JUNIPER. (D) A bright golden form that holds its color throughout the winter. An attractive tree for rockeries, groups or specimen planting.

	Each	Doz.
10 to 12 inches	$1 00	$10 00
2½ to 3 feet	2 50	

J. Sabina. SAVIN JUNIPER. (VD) Another spreading form, with deep, dark green foliage. Very valuable for rockeries, grouping and borders, making a pleasing contrast to other low-growing trees.

10 to 12 inches . . 50 cts. each, $4 per doz.

J. Virginiana. RED CEDAR. (M) This is a common tree, that grows wild along roadsides and on stony barren places. It is excellent for ornamental purposes; of medium size and pyramidal habit that suit it for tall screens, lawn specimens and formal effects. The somber hue of its foliage and the freedom with which it grows in infertile places are valuable qualities.

	Each	Doz.
2½ to 3 feet	$1 50	$15 00
4 to 5 feet	2 50	25 00

var. elegantissima. (M) Has bright golden foliage in the spring and summer, which turns to a coppery hue in the winter. It resembles the former in form and is hardy and useful for contrasts and grouping.

5 to 6 feet $4 00

We have unexcelled shipping facilities at Trenton, New Jersey, where we get the benefits of quick service and low rates afforded by competing freight and express companies.

Picea · Spruces

Probably better known and more largely planted than any other family of evergreens. The Spruces are hardy, rapid-growing trees; reliable in almost any location. They mature quickly and live to a good old age. They make beautiful trees when planted individually, and in groups and collections they are just as effective.

Picea alba. White Spruce. (L) A naturally dense, hardy native tree that is much admired for the beautiful blue-gray of its needles.

2 to 2½ feet . . . . $1 each, $10 per doz.

var. aurea. Golden Spruce. (M) An odd and interesting tree, with bright golden needles in spring that grow darker as the season advances.

5 to 8 feet . . . . $5 to $8 00

P. Alcockiana. Alcock's Spruce. (M) Slender branches and upright growth. Beautiful with its short, dark green needles that are a silvery hue on their under surface.

2 to 2½ feet $1 50

P. Engelmanni. Engelmann's Spruce. (M) Resembles the familiar Blue Spruce in the bluish green of its foliage. The needles are short and soft. A compact-growing tree, that retains its lower branches and makes beautiful specimens for solitary planting about the lawn. Endures wind and exposure and is remarkably hardy. We offer some splendidly developed stock.

	Each	Doz.
2½ to 3 feet	$2 50	$24 00
3 to 3½ feet	3 50	36 00
4 to 5 feet	5 00	
5 to 8 feet, handsome, broad,symmetrical specimens	$10 to 20 00	

P. excelsa. Norway Spruce. (L) This familiar Spruce is more generally useful than any of the others. It is a rapid grower; does well in most soils, and withstands the bleak, cold winds of winter. It is valued highly for shelters, wind-breaks or hedges. The branches become more pendulous with age. If left untrimmed, they spread out magnificently, and make desirable specimens. If pruned, they become stately trees of symmetrical form. See, also, Hedge Plants.

	Each	Doz.	100
2 to 2½ feet . . .	$0 50	$5 00	$30 00
2½ to 3 feet . . .	75	6 00	35 00
3 to 4 feet . . .	1 00	9 00	60 00
4 to 5 feet . . .	2 00	18 00	125 00
10 to 20 feet,	$12 to 25 00		

var. conica. Dwarf, conical form, compact and dense; perfectly symmetrical without pruning; foliage dark green.

2½ to 3 feet $3 00

P. excelsa, var. elata. Tiger-Tail Spruce. (M) A peculiar and rare tree, with long, slender, grotesque branches. Valued as a specimen.

3 to 4 feet $3 00

Picea, var. inverta. Inverted Spruce. (S) The lateral branches of this odd, interesting tree sprawl about in grotesque, contorted forms. It appears almost as a freak of nature, useful as an individual specimen on the lawn to relieve the regular outline of other evergreens.

	Each	Doz.
2 to 2½ feet	$1 75	$18 00
2½ to 3 feet	2 50	24 00
3 to 4 feet	3 50	36 00
4 to 5 feet	5 00	48 00
5 to 6 feet	$7 to 10 00	

PICEA PUNGENS, VAR. KOSTERIANA

Picea orientalis. EASTERN SPRUCE. Short, dark, rich green needles of finer appearance than those of the Norway Spruce, which it resembles. Its habit is symmetrical and compact, forming a shapely pyramidal tree. It is hardy and reliable. Especially beautiful as an individual specimen.

	Each	Doz.	100
2 to 2½ feet	$1 75	$17 50	$125 00
2½ to 3 feet	2 50	25 00	
4 to 5 feet	8 00		

P. pungens. COLORADO SPRUCE. (M). The original form of the now famous Colorado Blue Spruce. The foliage of this tree is occasionally quite blue, but mostly a light green. It is a strong, hardy grower in almost any soil and makes a very valuable and ornamental tree.

Picea pungens, continued

	Each	Doz.	100
1½ to 2 feet	$1 50	$15 00	$100 00
2½ to 3 feet	2 50	24 00	165 00
3 to 4 feet	3 50	36 00	
4 to 5 feet	5 00		
5 to 9 feet, selected	$10 to 35 00		

var. Kosteriana. KOSTER'S BLUE SPRUCE. The best strain of Blue Spruce. A striking light blue in color that makes this one of the finest evergreens in cultivation. For individual planting and for color effect nothing equals this.

1 to 1½ feet, Glenwood-grown	$1 50
3 to 3½ feet, freshly imported	8 00
3½ to 4 feet, freshly imported	10 00
3½ to 4 feet, acclimated trees	12 00
4 to 4½ feet, acclimated trees	15 00

Pinus · The Pines

The Pines endure a wide range of climatic conditions. They are natives of lowlands and mountainous regions, and withstand well the cold, bleak winds to which they are subjected. They are mostly of pyramidal habit, grow rapidly, and are not particular as to soil. Pines are very ornamental and useful on lawns and public grounds. They are so diverse in character that species may be selected for even the smallest areas as well as for vast estates. In groups, shelter-belts or as tall screens their value is highly appreciated. We frequently root-prune our Pines so that they develop fine fibrous roots, enabling us to dig and ship them with balls of earth, and thus reduce the risk from transplanting to a minimum.

PINUS MUGHUS, A SPECIMEN THAT WENT OUT FROM GLENWOOD 8 YEARS AGO

Pinus Austriaca. AUSTRIAN PINE. (L) A tall, massive tree, with spreading branches heavily plumed with long, stiff, dark green needles. A useful species along the coast, and grows equally well inland. Popular for grouping or as specimens.

	Each	Doz.	100
2 to 2½ feet	$1 25	$12 50	$90 00
2½ to 3 feet	1 75	17 50	125 00
3 to 4 feet	3 00	30 00	200 00
6 to 15 feet, selected	$8 to 15 00		

P. Cembra. SWISS STONE PINE. (M) A very hardy and handsome Pine, with short, bluish green leaves, that grows slowly into a compact, pyramidal tree. It branches symmetrically, even at the base, and makes a beautiful ornament for small places or for contrasting with other evergreens.

1½ to 2 feet . . . . . $1 50 each, $15 per doz.

P. excelsa. BHOTAN PINE. (L) In general appearance resembles the White Pine. The soft, long needles are light green, and droop in graceful fringes from the long, slender branches. It rapidly becomes a tall tree, and is very attractive when given room to develop.

	Each	Doz.
4 to 5 feet	$3 50	$36 00
5 to 6 feet	5 00	48 00
6 to 8 feet	8 00	80 00
8 to 10 feet	$8 to 12 00	

P. Mughus. MUGHO PINE. (D) This unique alpine species forms a dark, dome-shaped bush, broader than its height, and sometimes almost prostrate. Valuable for planting on lawns, terraces, rockeries, barren hillsides, or near the sea.

	Each	Doz.
8 to 12 in. by 12 to 18 in. broad	$1 25	$12 50
12 to 18 in. by 18 to 24 in. broad	2 00	21 00
18 to 24 in. by 18 to 24 in. broad	3 00	30 00

Pinus resinosa. RED, or NORWAY PINE. (L) A fine, tall-growing hardy Pine. Needles are darker green than our familiar White Pine, but its habit and character are much the same. An uncommon, but very desirable tree for ornamental planting.

2 to 2½ feet . $1 each, $10 per doz., $75 per 100

P. Strobus. WHITE PINE. (L) A familiar, tall, noble-looking tree with soft, silvery needles. Its hardy ruggedness makes it a fine tree for solitary planting, avenue or shelter belts.

	Each	Doz.	100
2 to 2½ feet	$1 00	$10 00	$70 00
2½ to 3 feet	1 25	12 50	90 00
3 to 4 feet	2 00	21 00	150 00

P. sylvestris. SCOTCH PINE. (L) A strong and rapid grower, with spreading branches and short, stiff, bluish green needles. Valuable for quick effects. Generally useful, and one of the most popular Pines.

Pinus sylvestris, continued

	Each	Doz.	100
2 to 2½ feet	$0 75	$7 50	$50 00
2½ to 3 feet	1 00	9 00	60 00
3 to 4 feet	1 50	15 00	100 00
4 to 5 feet	2 50	25 00	
5 to 6 feet	5 00	48 00	
6 to 8 feet	$6 to 8 00		

Pseudotsuga

Pseudotsuga Douglasii. DOUGLAS' SPRUCE. (L) It is similar to the Spruce and is a very desirable and beautiful tree for either collective or individual planting. It is a western tree of erect habit and rapid growth. Hardy in the coldest places and valuable where tall evergreens are wanted.

	Each	Doz.	100
1½ to 2 feet	$1 00	$10 00	$70 00
2 to 2½ feet	1 25	12 00	90 00
2½ to 3 feet	1 75	17 50	
3 to 4 feet	2 00	21 00	

Retinospora

Sometimes called Japan Cypress, and known botanically as Chamæcyparis. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints, and because of the pleasing feathery effect of some varieties, affording a very desirable contrast in groups of evergreens. The species generally are of pyramidal habit, vigorous growers, that thrive in most soils and seldom attain a greater height than 40 feet. Their coloring is constant and attractive at all seasons. They are useful in all ornamental plantings, and particularly well suited for color contrasts, grouping, formal effects, window-boxes and vases. Occasional shearings render them more compact and brighten their distinct refined and attractive colors, and individual specimens may be grown to a superb condition.

Retinospora filicoides. FERN-LIKE RETINOSPORA. (S) This is a unique dwarf form of loose, open habit. The short, soft foliage is arranged along the slender branches so delicately that they have a beautiful appearance similar to a fern. During the few years that we have had this plant it has proven reliably hardy and a good strong little grower. It is a splendid subject for evergreen groups and rockeries.

1 to 1½ feet $1 50

R. filifera. THREAD-BRANCHED RETINOSPORA. (M) Of pyramidal outline, with horizontal branches and drooping, deep green foliage. Particularly charming when a rainstorm has tipped each twig with crystal drops.

2 to 2½ feet $2 50

A SAMPLE OF THE RETINOSPORA PLUMOSA AUREA AT GLENWOOD

Retinospora filifera, var. aurea. GOLDEN THREAD-BRANCHED RETINOSPORA. The slender, thread-like branches droop gracefully to the ground, making a small golden fountain of foliage that blends most pleasingly with the green grass. Very useful for the front of groups or as specimens.

1½ to 2 feet by 1½ to 2 feet	$4 00
2 to 2½ feet by 2 to 3 feet	6 00

R. flavescens, var. variegata. WHITE-LEAVED RETINOSPORA. (D) The varied tints of green, yellow and creamy white in this evergreen gives it a golden appearance. The habit is dwarf and compact, and its ball-like form makes it a pretty little ornament in many places. We have some handsome specimens for immediate effect. This variety needs no trimming.

	Each	Doz.	100
1 to 1½ feet by 1 to 1½ feet broad	$1 00	$10 00	$75 00
1½ to 2 feet by 1½ to 2 feet broad	2 00	18 00	125 00
1½ to 2½ feet by 2 to 3 feet broad, specimens	3 00	30 00	
3 to 4 feet by 4 to 5 feet broad, specimens	5 00	50 00	
4 to 5 feet by 4 to 5 feet broad, specimens	$8 to 10 00		

RETINOSPORA SQUARROSA VEITCHII AT GLENWOOD

Retinospora obtusa. OBTUSE-LEAVED RETINOSPORA. (M) Largest of the family. Of upright growth and much admired. The soft green foliage, arranged in flat filaments, gives the tree an airy appearance.

	Each	Doz.
2 to 2½ feet	$2 00	$21 00
3 to 4 feet	3 50	36 00

var. gracilis aurea. (S) Somewhat like the former, but more loose and open. The young green foliage is profusely marked with a bright golden yellow, making a handsome and attractive tree.

	Each	Doz.
2½ to 3 feet	$2 50	$25 00
5 to 6 feet	5 00	

var. nana. (D) A slow-growing dwarf variety that attains great age. It is popular in Japanese gardens, and attracts much attention here. The deep dark green leaves are arranged in flattened masses that rise above one another, making a dense, heavy foliage, and giving it a beautiful individuality.

15 to 20 inches	$2 50

var. nana aurea. (D) Similar in character to the preceding, with a clear golden colored foliage that is bright and fresh all the year. One of the choicest little golden evergreens in cultivation.

2 to 2½ feet	$4 00

R. pisifera. PEA-FRUITED RETINOSPORA. (M) The slender branches are open and graceful, the foliage light green above and silvery beneath. It is one of the best Retinosporas.

2 to 2½ feet	$1 50
2½ to 3 feet	2 00

var. aurea. GOLDEN PEA-FRUITED RETINOSPORA. (D) A bright, golden evergreen with light airy foliage. It holds its color constantly, and is handsome for contrasts in groups, or individually as a specimen.

	Each	Doz.
2½ to 3 feet	$2 00	$20 00
3 to 4 feet	2 50	25 00
4 to 5 feet	4 00	45 00
5 to 6 feet	8 00	

R. plumosa. PLUME-LIKE, or simply GREEN RETINOSPORA. (S) of conical outline, with light, feathery green foliage. It stands shearing well, and if frequently pruned becomes compact and dense. It is useful in groups, beds or for vases and window-boxes.

	Each	Doz.	100
2½ to 3 feet	$1 50	$14 00	$90 00
3 to 4 feet	3 00	30 00	200 00
5 to 6 feet, broad, handsome specimens	7 00	70 00	500 00
8 to 10 ft., spec.	$10 to 15 00		

Prices of larger trees on application.

Six plants of the same variety will be supplied at the price per dozen. 25 at the price per hundred. 250 at the price per thousand.

Retinospora plumosa, var. aurea. GOLDEN RETINOSPORA. (S) The most popular and generally useful of all the golden evergreens. In character it resembles the *R. plumosa.* Is especially ornamental, and the soft, plume-like golden foliage is particularly bright in spring. It remains a deep yellow even through the winter. When pruned it becomes symmetrical and regular. It is low-branched, and the golden yellow foliage brushes the green grass in beautiful contrast. A vigorous grower, that is unsurpassed for color effect in grouping. It is well adapted for small lawns, and equally appropriate for larger areas. For window-boxes, vases or formal gardening, its value is recognized.

	Each	Doz.	100
1 to 1½ feet	$0 75	$6 00	$35 00
2 to 2½ feet	1 00	10 00	60 00
2½ to 3 feet	2 00	18 00	120 00
3 to 4 feet	3 50	30 00	200 00
4 to 5 feet	4 50	40 00	300 00
6 to 7 feet, broad, symmetrical specimens	$8 to 12 00		
7 to 8 feet, broad, symmetrical specimens	$12 to 25 00		
8 to 15 feet, spec.	$25 to 50 00		

Special prices per dozen and 100.

R. squarrosa Sieboldi. SIEBOLD'S RETINOSPORA. (S) Dwarf, compact evergreen, with bluish foliage, changing to purplish hue in winter; a distinct coloring that is effective in collective planting.

	Each	Doz.
1½ to 2 feet	$1 50	$15 00
2 to 2½ feet	2 00	20 00

Retinospora squarrosa, var. Veitchii. SILVER RETINOSPORA. (S) Possesses the merits of *R. plumosa,* resembles it in character, and is useful in the same ways. The foliage is feathery, and of a rich, silvery glaucous or steel-blue that contrasts finely with the dark green and golden tints of other varieties. One of the most showy and attractive of the class. We have a stock of magnificent trees.

	Each	Doz.	100
2 to 2½ feet	$1 25	$12 00	$80 00
2 to 2½ feet, sheared and symmetrical	2 00	18 00	
2½ to 3 feet	2 00	18 00	125 00
2½ to 3 feet, sheared and symmetrical	2 50	24 00	175 00
3 to 4 feet, sheared and symmetrical	4 00	40 00	
4 to 5 feet, sheared and symmetrical	7 00	70 00	
5 to 6 feet, sheared and symmetrical	10 00	100 00	
9 to 15 feet, selected	$20 to 50 00		

Sciadopitys

Sciadopitys verticillata. UMBRELLA PINE. A quite hardy, odd, Japanese tree, of pyramidal character. Grows slowly to large size. Each branch and shoot is terminated by a whorl of umbrella-like tufts of bright green, long, glossy needles.

2 to 3 feet	$3 00
3 to 4 feet	6 00
4 to 5 feet	12 00

Taxus · Yews

The Yews are slow-growing, generally small trees, that do well in most soils and possess a particularly fresh-looking foliage. They are highly ornamental and effective as specimens or in groups. Yews withstand clipping well, but they require the protection of sheltered positions in places north of Philadelphia.

Taxus baccata. ENGLISH YEW. (S) A slow-growing, thickly branched tree, with small dark green leaves. Long-lived, ornamental, and desirable for cemeteries and specimens. Withstands close shearing.

3 to 4 feet	$2 00

var. fastigiata. IRISH YEW. (S) Slender, pyramidal tree, that retains its shape without trimming. Dark, glossy green leaves.

2 feet	$1 50
3 feet	2 00

Taxus baccata, var. fastigiata aurea. GOLDEN IRISH YEW. (S) The habit of growth and shape of this tree are the same as the Irish Yew. The striking difference is that in spring the new growth of this variety is a light golden yellow. As the season advances the color changes until in winter the golden hue has vanished and left the trees as green as the other forms. A splendid thing for formal work and color contrasts.

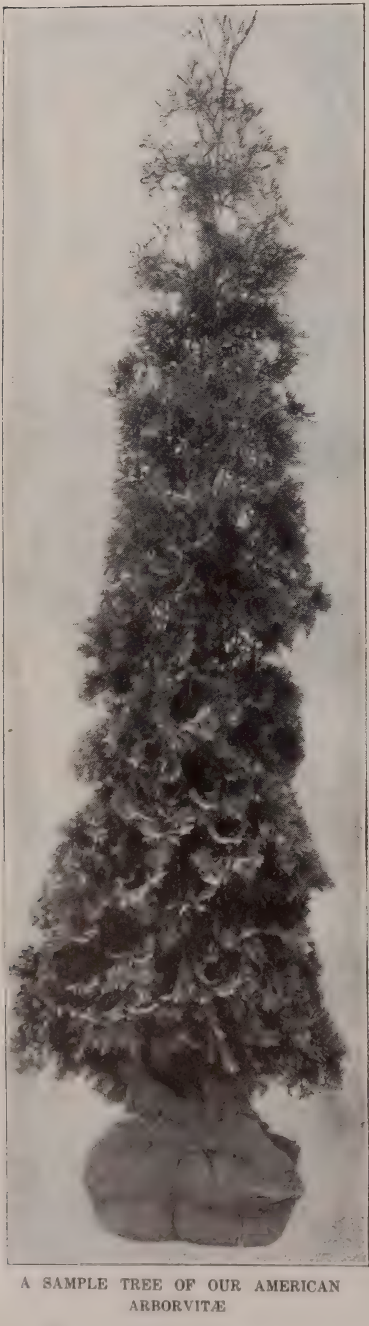
2 feet	$1 50
3 feet	2 00

Thuya · Arborvitæ

These highly ornamental trees, though many are of upright habit, do not grow to great heights, and are appropriate for small lawns as well as larger areas. They are generally hardy, growing vigorously in varied soils, and easily transplanted. Their clean, neat, compact appearance and the soft, frondlike foliage, in many cases so brightly colored, make them useful in grouping, bedding, bordering and formal gardening, for cemetery and lawn specimens, for hedges, screens, window-boxes, vases and house decoration.

Thuya occidentalis. American Arborvitæ. (S) This is a familiar tree in past and present-day plantings. A strong, vigorous grower in almost any soil, and hardy over a wide range of latitude. It is a slender, pyramidal tree with soft, flat filaments of foliage. Its upright, slender growth makes it desirable for formal plantings, and for variety in groupings of evergreens. Its ability to withstand shearing makes it unsurpassed for tall hedges to shield objectionable objects from view. See, also, Hedges, page 69.

	Each	Doz.	100
2½ to 3 feet	$0 75	$7 00	$40 00
3 to 4 feet	1 00	9 00	60 00
4 to 5 feet	1 25	12 00	80 00
5 to 6 feet	2 00	21 00	
6 to 8 feet	3 00		
8 to 10 feet	4 00		



A SAMPLE TREE OF OUR AMERICAN ARBORVITÆ

var. aurea. George Peabody's Arborvitæ. (S) Color effect a clear, shining golden yellow that contrasts finely with darker evergreens. Of pyramidal habit, grows rapidly; has the brightest and most permanent color of all. Surely one of the handsomest of the golden-tinted conifers.

	Each	Doz.
1½ to 2 feet	$1 50	$16 00
3 to 4 feet	3 00	35 00

var. Burrowii. (S) Possesses the upright form and the dense, compact habit of the Pyramidal Arborvitæ. Particularly valued for its golden-tinted foliage, that turns green in winter.

3 to 4 feet . . . . $2.50 each, $24 per doz.

var. Columbia. (S) A rare tree with white variegated foliage. It naturally makes a dense, compact, shapely plant. This Arborvitæ appears to be identical with the Thuya Queen Victoria that some persons have. Hardy and strong-growing.

2½ to 3 feet $3 00

var. compacta. Compact Arborvitæ. Dwarf, dense little evergreen, having light green foliage and neat, attractive habit. Popular for beds, borders, cemeteries, or house decoration. See hedging plants.

	Each	Doz.	100
1 to 1½ feet	$0 75	$7 00	$40 00
2 to 2½ feet	1 00	10 00	75 00
2½ to 3 feet	1 50	15 00	100 00

var. Ellwangeriana, syn., **Tom Thumb.** (D) In many respects it is similar to the Retinospora and seems to be the connecting link between Arborvitæs and that family. It is pretty, hardy, with silvery foliage that closely resembles *T. ericoides* when young, but in winter it does not turn so dark. Its low growth and compact symmetry make it valuable for decoration in small areas and in groups.

	Each	Doz.	100
1 to 1½ feet	$0 75	$7 00	$40 00
1½ to 2 feet	1 00	9 00	60 00

var. ericoides. Heath-leaved Arborvitæ. (D) A conical little evergreen, with soft, feathery silvery foliage that differs strikingly from most other varieties. In winter the color changes to a blue-brown. Desirable for the contrast it makes in groups.

1 to 1½ feet . . . . 75 cts. each, $7.50 per doz., $40 per 100

var. globosa. Globe Arborvitæ. (D) Very dwarf and compact; grows naturally into a rounded almost ball-like form, that makes it useful in grouping, specimens or vases. The foliage is deep dark green.

	Each	Doz.	100
1 to 1½ feet by 1 to 1½ feet broad	$0 75	$7 50	$50 00
1½ to 2 feet by 1½ to 2 feet broad	1 25	12 00	90 00

var. Hoveyi. Hovey's Golden Arborvitæ. (D) Somewhat resembling *T. compacta,* though not so dense, but useful in the same ways. Coloring beautiful light golden green.

	Each	Doz.	100
1 to 1½ feet	$0 75	$7 50	$50 00
1½ to 2 feet	1 00	10 00	80 00
2 to 2½ feet	1 50	15 00	100 00
2½ to 3 feet	1 75	17 50	

OUR 4- TO 5-FOOT HEMLOCK SPRUCE WILL MAKE SUCH WINTER LANDSCAPES IN FIVE OR SIX YEARS' TIME

Thuya occidentalis, var. pyramidalis. PYRAMIDAL ARBORVITÆ. (S) More dense than the American Arborvitæ. A strong, rapid grower. Its compact, slender column of dark green is ornamental as a lawn specimen for backgrounds and in groupings. Best tall-growing variety.

	Each	Doz.	100
2½ to 3 feet	$0 75	$7 50	
5 to 6 feet	3 00	30 00	$225 00
6 to 7 feet	4 00	40 00	300 00

var. Reidii. (D) A broad, low evergreen, less compact than the other dwarf varieties.

2½ to 3 feet	$2 00

var. Rivers. Closely resembles the familiar American Arborvitæ, but useful as giving variety and interest to a planting.

4 to 5 feet	$2 50

var. Vervæneana. VERVÆNE'S ARBORVITÆ. (S) Of medium, upright growth and dense habit. The green and golden tinted leaves blend harmoniously. Is valuable for planting with other evergreens, to give variety.

	Each	Doz.
3 to 4 feet	$2 00	$20 00
4 to 5 feet	3 00	30 00

var. Wareana; syn., Sibirica. SIBERIAN ARBORVITÆ. (S) An especially valuable species for cold climates. Dense and shapely, medium height, in much demand for general purposes.

	Each	Doz.	100
1½ to 2 feet	$1 25	$12 50	$90 00
2 to 2½ feet	1 75	18 00	
5 to 7 feet, splendid specimens	$10 to 15 00		

Thuyopsis

Thuyopsis Standishi. STANDISH'S SITKA CYPRESS. (M) A pyramidal tree of graceful, drooping habit, with bright green foliage that looks very much like an arborvitæ.

3 to 3½ feet	$3 50

Tsuga · Hemlock

The Hemlocks are exceptionally graceful trees that are generally useful. They are very hardy, grow rapidly and transplant easily.

Tsuga Canadensis. HEMLOCK SPRUCE. A medium-sized tree, with open, pendulous branches, whose graceful character is in striking contrast to some of the more formal conifers. It is a rapid grower and is very hardy. If trimmed it becomes dense and bushy, making especially beautiful hedges. Unsurpassed for tall screens, massing, or as individual trees. We have thousands that are root-pruned and perfectly developed.

	Each	Doz.	100
2½ to 3 feet	$1 25	$12 50	$100 00
3 to 4 feet	2 00	21 00	150 00
4 to 5 feet	2 50	27 50	200 00
4 to 5 feet, sheared, heavy specimens	3 50	36 00	250 00

var. Sargentii pendula. SARGENT'S WEEPING HEMLOCK SPRUCE. A flat-topped tree, with graceful, weeping, spray-like branches. One of the choicest and most beautiful weeping evergreens.

1½ to 2 feet	$5 00

Evergreen Shrubs

These "Broad-leaved Evergreens" are being used more and more each year because they are so desirable and effective in all landscape work. Their heavy leaf masses meet the demand for fresh green foliage to enliven and cheer the bare aspect of deciduous trees and shrubs in winter. But best of all is the magnificent display that most of them make when in bloom, especially the Rhododendrons and Kalmias. Another desirable quality most of them have is such a fondness for shady places that they meet a large demand in beautifying these spots which are usually thought so difficult to adorn. As a rule they transplant easily, are quite hardy, give immediate results and are altogether very satisfactory things to use.

Andromeda

Andromeda Catesbæi. See *Leucothoë Catesbæi*, page 18.

A. floribunda; syn., **Pieris floribunda.** A hardy little evergreen shrub with spikes of tiny pure white flowers very early in the spring, which are similar to a spray of lily-of-the-valley.
2 to 2½ feet . . . . $1.75 each, $18 per doz.

A. Japonica. A beautiful low shrub with drooping racemes of small white, wax-like flowers in May and June. The shining deep green leaves are handsome. A desirable plant at the front of the groups of broad-leaved evergreens, or in shaded places.
1 to 1½ feet . . . . $1.25 each, $12 per doz.

var. aurea. This differs from the above in having golden tinted foliage.
10 to 15 inches, bushy . . . . 75 cts. each, $7.50 per doz.

Azalea Amœna

A bushy, dwarf evergreen with small green leaves that deepen to a lustrous coppery hue in winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant, claret-colored flowers, that hold their beauty three or four weeks. Such beautiful little plants are ornaments anywhere, and are especially desirable for edging drives and walks, for dwarf hedges, groups, or for bordering Rhododendron and Kalmia beds. The *Azalea amœna* is an admirable hedging plant, as shown in the illustration below. It has all the necessary requirements, and we strongly recommend it for this purpose. See our prices in the chapter devoted to Ornamental Hedging Plants.

	Each	Doz.	100
12 to 15 inches high, 10 to 15 inches broad and bushy, well set with flower-buds . .	$1 00	$10 00	$75 00
15 to 20 inches high, 12 to 20 inches broad and bushy, heavily set with flower-buds .	1 50	15 00	110 00
20 to 24 inches high, 20 to 30 inches broad and bushy, heavily set with flower-buds .	2 00	20 00	150 00
Selection of larger specimens, heavily set with flower-buds . . . . $2.50 and	4 00		

HEDGE OF AZALEA AMŒNA

Buxus · Boxwood

The different species vary in height from low bushes to medium-sized trees. All are long-lived, of dense, compact growth, and have dark green, glossy leaves. They are used for grouping, edging walks, planting against house foundations, for hedges, and in tubs for formal gardens, terraces and porches.

Buxus sempervirens. COMMON TREE BOX. The familiar box of old-fashioned gardens. It grows slowly into a large, broad shrub. The small, dark green leaves are always fresh and glossy. It is a strong grower in almost any soil and does well in shaded places. It stands shearing and may be clipped into artificial forms. Our stock includes some specimens that have been clipped into conical or pyramidal shape, and are very effective in formal plantings and for tubs and vases.

	Each	Doz.
2½ to 3 feet, natural form	$1 50	$15 00
3 to 3½ feet, natural form	2 50	24 00
2½ to 3 feet, clipped pyramidal shape	2 50	24 00
3 to 3½ feet, clipped pyramidal shape	3 00	30 00
3½ to 4 feet, clipped pyramidal shape	4 00	36 00
4 to 4½ feet, clipped pyramidal shape	4 50	48 00

var. suffruticosa. DWARF BOX. The variety so extensively used as an edging to walks and now again so popular in all formal and old-fashioned gardens. See Hedge Plants.

	100	1,000
4 to 6 inch	$7 00	$45 00
6 to 8 inch	12 00	90 00

Calluna

Calluna vulgaris; syn., **Erica vulgaris.** HEATHER. Low, hardy and compact. Rosy pink racemes of tiny flowers in August and September.

1 to 1½ feet . . 50 cts. each, $4.50 per doz., $30 per 100

Cotoneaster

Cotoneaster microphylla. A low, prostrate shrub with tiny leaves, that does best in well-drained soil and sunny places. In winter it is ornamental with bright red fruit.

1 to 1½ feet . . . . 50 cts. each, $5 per doz., $35 per 100

Euonymus

Euonymus Japonica. JAPANESE EUONYMUS. An erect form with glossy green foliage and bright green bark. It makes a handsome bush, is frequently used as an edging, and is especially adapted to planting in sandy soils.

	Each	Doz.	100
1 to 1½ feet	$0 35	$3 50	$25 00
1½ to 2 feet	50	5 00	40 00
2 to 3 feet	1 00	10 00	

var. argentea. SILVERY EUONYMUS. The characteristics of this plant are the same as above, but its leaves are beautifully variegated with silvery white markings that are constant in color.

	Each	Doz.
1 to 1½ feet	$0 35	$3 50
1½ to 2 feet	50	5 00

var. aurea. GOLDEN EUONYMUS. Similar to the foregoing. Leaves are margined with yellow.

1 to 1½ feet . . . . 50 cts. each, $5 per doz.

PYRAMIDAL TREE BOX

Euonymus radicans is a pretty creeping Euonymus with plain green leaves. Used for covering house foundations, stone walls, tree trunks, etc. This and its varieties are perfectly hardy.

	Each	Doz.	100
1 to 1½ feet, 2 years	$0 25	$2 00	$15 00
1½ to 2 feet	40	4 00	20 00
2 to 3 feet	75	7 00	45 00

var. variegata. Of the same habit as the above and even more effective. The leaves are prettily marked with silvery white.
1 to 1½ ft. 2-yr. . 25c. ea., $2 per doz., $15 per 100

Ilex · The Hollies

The berried twigs are familiar decorations at Christmas time, but most people do not know what splendid ornaments the trees are in open or collective planting. Their foliage is always beautiful, the flowers small but interesting, and the scarlet fruits are ornamental. Being diœcious, it is best to plant several trees to make sure of berries.

Ilex Aquifolium. English Holly. Darker leaves than those of the American variety, and not such a large grower in this country.
3 to 4 feet . . . . . . $3.50 each, $36 per doz.

I. crenata. Japanese Holly. Small, dark green leaves and neat habit. Requires protection north of New York. It is a splendid little plant in latitudes where it is hardy. It is especially valuable for hedging.

	Each	Doz.	100
1 to 1½ feet	$0 50	$5 00	$35 00
1½ to 2 feet	1 00	9 00	60 00
2 to 3 feet	2 00	20 00	

Kalmias · Laurel

These flowering shrubs compare well in grandeur with the Rhododendrons. They are very hardy, "grow almost as well in swamps as in drier locations and prefer partly shaded situations, but also thrive well in sunny places."

Kalmia angustifolia. Sheep Laurel. A dwarf, vigorous variety, with deep rose-colored flowers that open early.
1½ to 2 feet . . . . $1 each, $10 per doz.

var. glauca. Differs from the above only in having silvery variegated leaves.
8 to 12 inches . . . . 75 cts. each, $7 per doz.

K. latifolia. Mountain Laurel. These bushy shrubs with age sometimes attain tree-like proportions. Their elongated, oblong leaves are always fresh and glossy, making possible charming foliage effects and cheery landscapes at all seasons. In early spring they bloom profusely. The delicate pink buds, beautiful in themselves, open in large corymbs of pink and white flowers. They bloom after the Rhododendrons, and are useful for massing with them or for wooded effects on large lawns.

	Each	Doz.
1½ to 2 feet	$1 00	$10 00
2 to 2½ feet	1 50	15 00

We control large mountain areas of these desirable shrubs and are prepared to furnish the native plants in car-load lots. We select large, bushy clumps that are lifted with a big ball of leaf loam, which we carefully preserve about the roots. These shipments arrive in good condition and withstand transplanting very well. Write to us for further particulars and prices of these car-load shipments.

FLOWER TRUSS OF KALMIA LATIFOLIA

Ledum

Ledum latifolium. Labrador Tea. A very hardy, low, evergreen shrub, with leaves that are fragrant when bruised. Pretty white flowers in early summer. Adapted for borders to evergreen shrubberies. Good for swampy places; does well in shaded or sunny locations.
1 to 1½ feet . 50 cts. each, $4.50 per doz.

Leucothoe

Leucothoe Catesbæi; syn., Andromeda Catesbæi. Drooping Andromeda. A valuable small shrub for shady places and wild effects. The oblong leathery leaves change to a beautiful bronze in autumn, and are so much admired that quantities of sprays are collected from the native woods and sold for Christmas decorations. In early spring, drooping panicles of small, fragrant, white, wax-like flowers cover it. Our plants have been grown in our own nurseries and have the advantage of northern-grown acclimated stock.

	Each	Doz.
1 to 1½ feet	$0 50	$5 00
1½ to 2 feet	1 00	10 00

OUR EVERGREENS GROUPED AT THE BASE OF AN ARCH. AMPELOPSIS VEITCHII ON WALL

Magnolia

Magnolia grandiflora. This broad-leaved southern evergreen flourishes in sheltered places as far north as Pennsylvania. Its flowers are deep, broad cups of waxen white, deliciously fragrant, and bloom when the tree is quite young.

1 to 1½ feet $1 50

Mahonia

Mahonia Aquifolium. HOLLY-LEAVED MAHONIA. A native plant with handsome prickly foliage that is a deep, glossy green in spring and turns to a bright bronze color in winter. In May little yellow flowers hang along the branches.

	Each	Doz.	100
8 to 12 inches	$0 25	$2 50	$18 00
1 to 1½ feet	40	4 00	22 50

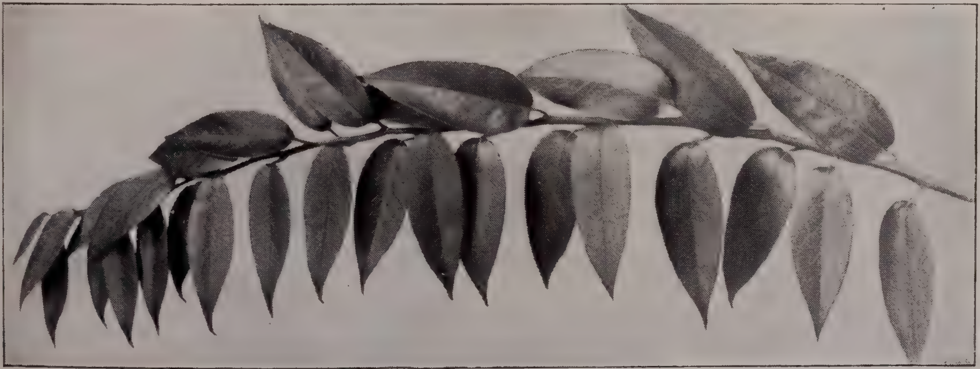
Mahonia Japonica. JAPANESE MAHONIA. A strong grower of coarse habit with large leaves. It is not quite so hardy as Aquifolium. Has equally fine flowers. The foliage does not change its color in winter.

	Each	Doz.	100
1 to 1½ feet	$0 75	$7 00	$45 00
1½ to 2 feet	1 00	9 00	60 00

Yucca filamentosa · Adam's Needle

A low evergreen without a central stem. The long, narrow leaf-blades come out from the root crown. In June or July it shoots up heavy stalks laden at the top with ivory-white flowers. It is valuable in separate or mixed plantings.

	Each	Doz.
Heavy clumps, 4 years old	$0 35	$3 00
Extra heavy clumps, 4 and 5 yrs. old.	50	4 50



LEUCOTHOE CATESBÆI (See preceding page)

Rhododendrons

Experience has proved that many Rhododendrons are hardy as far north as Boston. In early summer there are no flowers more gorgeous than these grand shrubs, that are then aglow with their great masses of bloom. But not only at this season are they attractive, for the heavy shiny green leaves enliven the landscape even in winter. In front of evergreen shelter-belts their glossy foliage appears to delightful advantage against the more somber hues of the conifers that protect them from the prevailing winds. In groups or masses the varied colors of the flowers blend harmoniously together, and make a brilliant ornament wherever seen.

Rhododendrons do well in moist soils free from limestone, and to obtain success from them no such expensive methods of preparing the ground are required as are sometimes advocated, though they willingly respond to such treatment. In summer a light mulch of cut grass retains the moisture, and in winter a heavier mulch of leaves protects the roots, and frequently a slight covering is required to shelter the flower-buds and foliage. After each flowering season the dead bloom should be picked to prevent seeding, and allow the energies of the plant to develop flower buds for the next year.

The Rhododendrons stand without an equal among the flowering shrubs, and, to retain their supremacy, possess the crowning virtue of flowering in all their glory the same season as planted. They may be moved successfully either in spring or fall.

All our Rhododendrons are shipped with balls of earth about their roots, which prevents them from drying out and insures successful growth. They are well budded and will flower this year.

PRICES AND VARIETIES OF HYBRID RHODODENDRONS ARE AS FOLLOWS:

OUR SELECTION OF VARIETIES.	Each	Doz.	PURCHASERS' SELECTION.	Each	Doz.
1½ to 2 feet	$1 50	$15 00	1½ to 2 feet	$2 00	$20 00
2 to 2½ feet	2 00	21 00	2 to 2½ feet	2 50	25 00

(It is likely that early sales will soon reduce our assortment of varieties, and purchasers will do well to name a second choice, that no delay may occur in filling orders.)

Abraham Lincoln. Rosy red. One of the best.
Album elegans. White.
Album grandiflorum. White; large flowers.
***Anna Parsons.** Violet-red.
Atrosanguineum. Deep blood-red.
Blandianum. Bright crimson.
Boule de Neige. Pure white; low grower.
Caractacus. Purplish crimson.
Chas. Bagley. Cherry-red.
†**Chas. Dickens.** Deep scarlet.
Delicatissimum. Blush white.
Everestianum. Rosy lilac; strong, hardy grower.
Fred Waterer. Crimson.
Giganteum. Red.
†**General Grant.** Scarlet; a good one.
John Waterer. Crimson.
***Kettledrum.** Deep red.
Lady Armstrong. Pale rose.
Lady Claremont. Rosy scarlet.
Marshall James Brook. Crimson.
Michæl Waterer. Scarlet-crimson.
***Parson's gloriosa.** Violet-red.
Parson's grandiflora. Wine-red.
***President Lincoln.** Reddish purple.
Purpureum grandiflorum. Purple.
Roseum elegans. Rose; small, hardy grower.

* Denotes varieties that we have only 1½ to 2 feet plants of.
† Denotes varieties that we have only 2 to 2½ feet plants of.

Rhododendron Catawbiense. The hardiest of the Rhododendrons. A strong, vigorous grower and profuse bloomer. Bright reddish purple flowers.

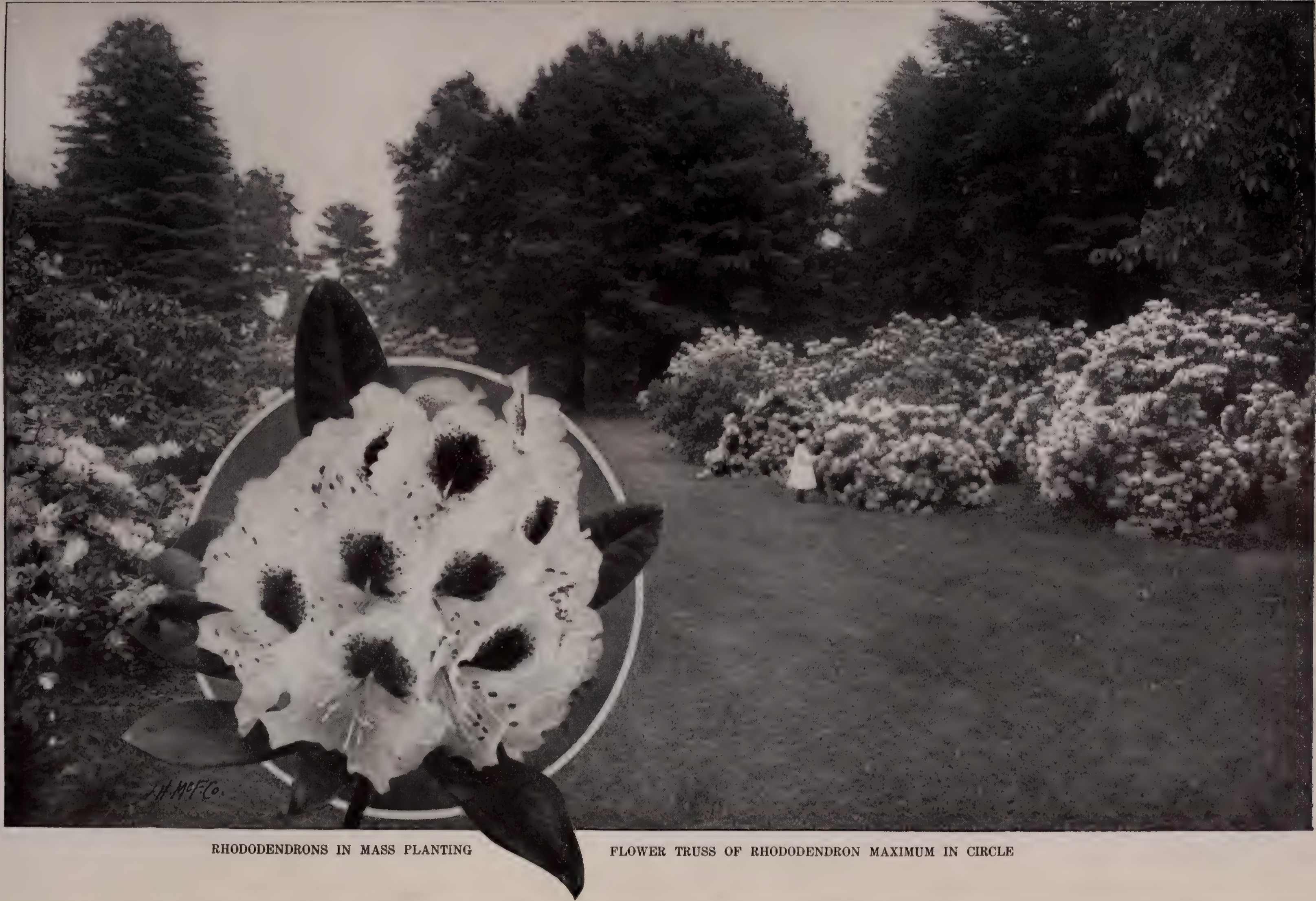
2 to 2½ feet . . . . $1.50 each, $15 per doz. 2½ to 3 feet . . . . $2 each, $21 per doz.

Rhododendron Catawbiense, var. grandiflora. Large lilac-colored flowers. 2 to 2½ ft., $2 ea., $21 per doz.

Rhododendron maximum. GREAT LAUREL. A native shrub that is beautiful among our mountainous regions, in June and July, when its great white (sometimes rosy pink) flower-masses appear in full bloom along the roadsides or on banks of streams. The landscape artist uses them in much the same way that nature does; for covering banks, for groups or masses in shady situations, as an undergrowth in wooded places or for planting beside drives and paths, nothing is more pleasing. The heavy, glossy green leaves make a magnificent setting for the large showy flowers.

	Each	Doz.
2 to 3 feet, collected clumps	$2 00	$21 00
3 to 4 feet, collected clumps	3 00	30 00
4 to 5 feet, collected clumps	5 00	48 00

We are in a position to supply *Rhododendron maximum* from 2 to 7 feet in height in car-load lots. We dig these with large balls of leaf-loam that are carefully preserved about their roots. These arrive in good condition and withstand transplanting especially well. Upon request, further particulars and prices of car-load shipments will be cheerfully given.



RHODODENDRONS IN MASS PLANTING

FLOWER TRUSS OF RHODODENDRON MAXIMUM IN CIRCLE

AVENUE OF OAK TREES IN FAIRMOUNT PARK, PHILADELPHIA, PA.

Deciduous Ornamental Trees

NOTHING can be planted which will grow so well and with so little attention and care as trees. The initial cost is small and paid for many times over by the beauty, pleasure and satisfaction which they bring. In the assortment that we have listed will be found the varieties best adapted for street and avenue planting; the kinds that will give the coolest shade for lawn and park use; species of rapid growth to produce quick effects; those with gorgeous and showy flowers and brilliant autumnal leaves; kinds with graceful, weeping habit; large and dwarf-growing sorts. Our collection includes trees adapted for all locations, climates and soils. All have been grown with care to make them straight, stocky, well headed and supplied with fibrous roots. They have been frequently transplanted and are prepared for moving. Where trees are wanted in large quantities we may be able to offer greater inducements on some varieties, so that we solicit correspondence from persons who contemplate purchasing in such numbers. That the unacquainted may have an idea of the height to which each tree may be expected to grow, we have marked the varieties as follows:

(L) designates trees growing to 60 feet or over at maturity. (M) from 30 to 60 feet. (S) 20 to 30 feet. (D) 10 to 20 feet. (V D) less than 10 feet.

Acer · The Maples

Maples are planted, perhaps, more largely than any other trees. They are hardy and well adapted to almost every soil; are attractive, vigorous growers, and remarkably free from the attacks of injurious insects. Their shade is cool and dense, and for this they are indispensable in all lawn, park or avenue plantings. In autumn the brilliant coloring of their leaves is everywhere commented upon. The Silver Maple is the most rapid-growing, but for permanency the Sugar and Norway are usually preferred.

Acer campestre. European Cork Maple. (S) Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry ground.

	Each	Doz.	100
2 to 3 feet	$0 50	$4 50	$20 00
4 to 5 feet	75	7 50	

A. Colchicum, var. rubrum. Red Maple. (S) The young growth of this rare tree is bright red in May and in August, when a second growth appears. It grows slowly to a medium-sized, round-topped tree, found most valuable for contrasts. From Japan.

	Each	Doz.
5 to 6 feet	$1 00	$10 00

A. dasycarpum. Silver Maple. (L) This Maple may be seen along the streets of almost every town or village. It is a most reliable grower in all sections, and matures so rapidly that it is sought for quick effects, but, like all rapidly maturing trees, is short-lived and declines after a period of 40 to 50 years. The leaves are deeply cut and their silvery under surface is beautifully displayed. The tree is not so desirable in most places as the Sugar or Norway Maple, but as a quick-growing low-priced tree the Silver Maple is scarcely surpassed.

	Each	Doz.	100
8 to 10 feet	$0 75	$6 00	$30 00
10 to 12 feet	1 00	9 00	45 00

var. Wieri laciniatum. Wier's Cut-leaved Silver Maple. (M) The leaves are cut more deeply than those of its parent, the Silver Maple. It grows very rapidly and is distinguishable by its slender branches that droop gracefully. This is a desirable and attractive tree for quick effects on a new lawn, and is sometimes also used for avenue planting.

	Each	Doz.
8 to 10 feet	$0 75	$7 50
12 to 14 feet	2 00	18 00
14 to 18 feet, 2 to 3 in. cal.	3 00	30 00

A. Negundo. Ash-leaved Maple, or Box Elder. (L) A rapid-growing tree of irregular spreading form, whose leaves resemble those of the Ash. Improved by close pruning. It withstands cold and dryness.

	Each	Doz.
10 to 12 feet, very heavy, 3 to 3½ in. cal.	$3 00	$30 00

A. platanoides. Norway Maple. (L) A handsome tree of large growth, forming a wide, rounded head of spreading branches and having broad, deep green leaves that cast a cooling shade. Strong, compact and vigorous. It is one of the best ornamental trees and is popular in all lawn, park, cemetery and street planting. We have some particularly nice blocks of these trees.

	Each	Doz.	100
8 to 10 feet	$1 25	$14 00	$90 00
10 to 12 ft., 1½ to 2 in. cal.	2 00	21 00	150 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	27 50	200 00

Prices for larger sizes upon application.

var. Reitenbachi. Reitenbach's Norway Maple. (M) Beautiful and striking because of its rich, changing foliage, with its soft green in spring, decidedly purple in midsummer, purplish scarlet in autumn. Vigorous, pyramidal; valuable for contrasts.

Acer platanoides Reitenbachi, continued

	Each	Doz.
5 to 6 feet	$1 00	$10 00
6 to 8 feet	1 50	15 00

var. Schwedleri. Purple Norway Maple. (M) The gleaming red and purple tint of its young leaves and shoots contrast brightly with the delicate green of spring. At maturity they are a purplish green; in autumn of pure golden tints and shades.

	Each	Doz.
5 to 6 feet	$1 00	$10 00
6 to 8 feet	1 75	18 00

A. Pseudo-platanus. Sycamore Maple. (L) A broad, handsome tree that grows quickly; has larger, darker leaves than the other Maples.

8 to 10 feet . . . . . . $1.25 each, $12 per doz.

A. rubrum. Red or Scarlet Maple. (L) A native species with fine rounded head, beautiful red blossoms and fruit in spring. Gorgeous autumnal foliage. Thrives in low or damp places.

	Each	Doz.
5 to 6 feet	$0 75	$7 50
6 to 8 feet	1 00	9 00

A. saccharinum. Sugar or Rock Maple. (L) Much used for shade in lawn or park plantings. It is pyramidal in form and thrives in almost any soil; with age it grows into a straight, symmetrical tree of grand proportions. This Maple has a brilliant autumn coloring, neat and attractive habit and is used in solitary or group planting. It makes a handsome avenue tree and is

NORWAY MAPLE

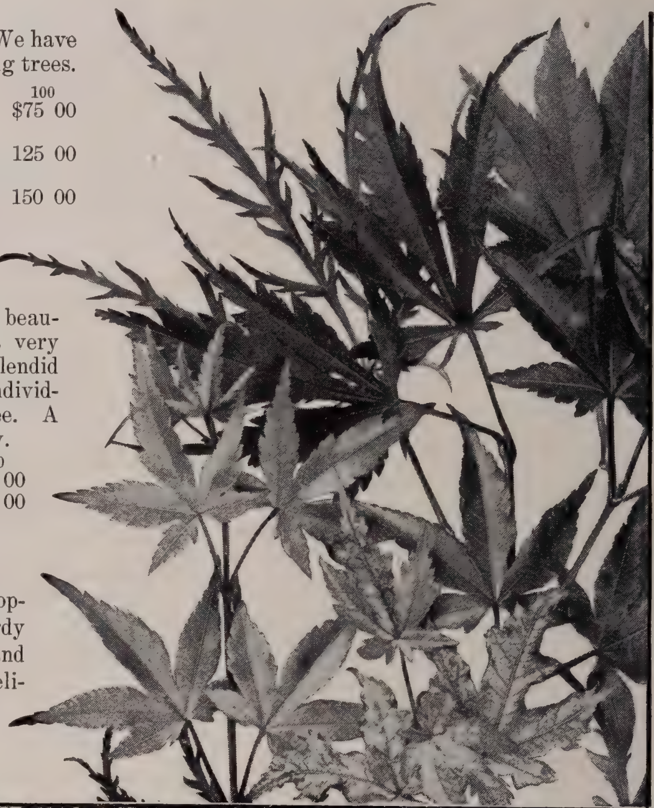
Acer saccharinum, continued

also popular for that purpose. We have a splendid stock of thrifty young trees.

	Each	Doz.	100
8 to 10 ft., 1 to 1½ in. cal.	$1 25	$12 00	$75 00
10 to 12 ft., 1¼ to 1¾ in. cal.	1 75	18 00	125 00
12 to 14 ft., 1½ to 2 in. cal.	2 00	21 00	150 00
14 to 18 ft., 2 to 2½ in. cal.	3 00	30 00	

A. Tataricum Ginnala. SIBERIAN MAPLE. (D) A graceful shrub with handsome leaves that turn a beautiful red in early autumn. It is very useful for foliage effects and splendid for mass and bank planting. Individually it makes a neat little tree. A strong grower and perfectly hardy.

	Each	Doz.	100
4 to 5 feet	$0 75	$7 50	$50 00
5 to 6 feet	1 00	9 00	60 00



The Japanese Maples

These represent the highest development of complex, vivid beauty in hardy trees and shrubs. They are small and bush-like in growth, and leaves delicately cut and oddly formed or brightly colored. They are invaluable in all landscape work, and

JAPANESE MAPLES, VARIETIES OF FOLIAGE ABOVE adapted for planting in front of evergreen borders, or in groups for color effect or for individual planting in prominent places. They are reliably hardy in all but the coldest sections of the United States, transplant easily and mature quickly.

Acer polymorphum. (D) This is the parent of most of the other varieties. It is the tallest grower and as hardy as any. The small green leaves are not cut so deeply as those of other kinds. It has bright green foliage in spring and summer, and in the fall the leaves are often of different shades, some scarlet, some yellow, and some trees have both tints upon their foliage. But whatever color it is, there is a gorgeous showing.

	Each	Doz.
2 to 3 feet	$1 00	$10 00
5 to 6 feet	4 00	42 00
6 to 7 feet	6 00	60 00

var. atropurpureum. (D) A blood-leaved sort that holds its dark coloring throughout the season.

3 to 4 feet $5 00

var. dissectum. (VD) This is a low, spreading form with very deep and delicately cut green leaves. Used at the front of collections or as an individual. As this is more dwarf than the other kinds, our plants will probably not be so large.

1½ to 3 feet . . . . $4 to $6

var. dissectum purpureum. (VD) A purple-leaved form of the above.

2 to 2½ feet $5 00

var. sanguineum, var. crispum. BLOOD-LEAVED JAPAN MAPLE. (D) This variety has leaves similar in shape to the above, purple in spring, changing as the season advances to a coppery hue in the fall. One of the best varieties.

3½ to 4 feet, bushy specimens $6 00

Æsculus · Horse-Chestnuts

As ornamental flowering trees the Horse-Chestnuts deserve more appreciation. Suitable for shade and avenues. They curiously unfold their leaflets in early spring and in May are covered with great spangles of flowers that contrast beautifully with their deep green foliage.

Æsculus Hippocastanum. HORSE-CHESTNUT. (M) The common white-flowering variety.

10 to 12 ft., 1¾ to 2 in. cal. $2.50 each, $27.50 per doz., $175 per 100.

var. flore pleno. (M) Double-flowering variety of the common white Horse-Chestnut.

5 to 6 feet . . . . . . $1.25 each, $12 per doz.

var. rubicunda. RED HORSE-CHESTNUT. (M) Has bright red flowers.

5 to 6 feet . . . . . . $1.25 each, $12 per doz.

Ailanthus

Ailanthus glanulosa. CHINESE SUMAC, TREE OF HEAVEN. (L) A lofty, rapid-growing shade tree, with feathery tropical-looking foliage. It probably withstands the smoke and gases of cities better than any other tree.

	Each	Doz.
10 to 12 ft., 1½ to 2 in. cal.	$1 00	$10 00
12 to 14 ft., 1½ to 2 in. cal.	1 50	15 00

Alnus · Alders

Alnus glutinosa. EUROPEAN, or COMMON ALDER. (L) This is a rapid-growing tree, having dull green foliage and catkins in early spring. It is particularly well suited for wet places, and will do well where many other trees fail. We recommend the Alders for seashore planting, believing them especially adapted for that use.

10 to 12 feet . $1.25 each, $12 per doz., $65 per 100

A. incana. SPECKLED ALDER. (L) Much resembles the former in habit of growth and, while it too does well in moist places, it is also happy in dry and more meager soils.

10 to 12 feet . $1.25 each, $12 per doz., $65 per 100

var. laciniata. CUT-LEAVED ALDER. (M) Fine, feathery foliage makes this tree more ornamental than the parent form.

5 to 6 ft. . 75 cts. each, $7.50 per doz., $50 per 100

Andromeda

Andromeda arborea; syn., **Oxydendrum arborea.** SORREL TREE. (D) A very ornamental little tree with handsome foliage. The leaves are oblong and dark, shiny green in spring and summer; in autumn they turn the most brilliant shades of crimson. It is a very nice plant to use with tall shrubbery or along the borders of woods or as a specimen. It withstands some shade and grows easily. In July panicles of little lily-of-the-valley shaped flowers are profusely borne.

	Each	Doz.	100
2 to 3 feet	$1 50	$15 00	$90 00
3 to 4 feet	2 00	18 00	125 00

Aralia

Aralia Japonica. CHINESE ANGELICA TREE. (S) Very similar to the more common *Aralia spinosa* described below. Less prickly and probably more hardy.

	Each	Doz.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

A. spinosa. HERCULES' CLUB. (S) The stout prickly stems, the large leaves, and the enormous clusters of white flowers give it a tropical effect. Good for poor soils.

	Each	Doz.	100
3 to 4 feet	$0 50	$5 00	$30 00
4 to 6 feet	75	7 50	
6 to 8 feet	1 00	9 00	

CERTIFICATE OF INSPECTION. "Our Nurseries are annually inspected by state authorities and continually by ourselves. A Certificate of Inspection testifying to the freedom from disease is attached to every shipment of our stock."

Betula · The Birches

The Birches are distinguished for their elegant, graceful appearance, slender branches, light, airy foliage and for the silvery white bark of some of the species. They endure a wide range of climatic conditions, and thrive not only in moist locations, but do well even in high, dry or stony places.

Betula alba. EUROPEAN WHITE BIRCH. (M) Very ornamental and especially desirable for planting along water edges. Of dark bark and erect growth when young, changing into a white-barked tree with drooping branches.

	Each	Doz.	100
6 to 8 feet	$1 00	$9 00	$60 00
8 to 10 feet	1 25	12 00	75 00
10 to 12 ft., 1½ to 2 in. cal.	1 75	18 00	100 00
12 to 14 ft., 3 to 3½ in. cal.	2 50	25 00	

var. fastigiata. PYRAMIDAL WHITE BIRCH. (M) Of compact, pyramidal habit, with silvery white bark; useful wherever a small, columnar-shaped tree is needed.

6 to 8 feet . . . . $1.50 each, $15 per doz.

CUT-LEAVED WEEPING WHITE BIRCH

Betula alba, var. laciniata pendula. WEEPING CUT-LEAVED WHITE BIRCH. (M) A tall, slender tree, acquiring with age a very graceful, drooping habit and silvery white bark. The beautiful foliage is delicately cut and presents a fine feathery appearance. This tree is especially attractive and very desirable. It should be on every lawn. In some localities it has been used for avenue planting with marked success.

6 to 8 feet . . . . . . $1.50 each, $15 per doz.

var. pendula Youngii. YOUNG'S WEEPING BIRCH. (S) In character resembling the Weeping Birch. Distinct in habit, and useful in collections or as a specimen.

4 to 6 feet . . . . $2 each, $20 per doz.

var. purpurea. PURPLE BIRCH. (M) Purple leaves and white bark.

	Each	Doz.
6 to 8 feet	$1 75	$18 00
10 to 12 feet	2 50	

B. lenta. SWEET, BLACK, or CHERRY BIRCH. (M) Our common woods tree, with aromatic bark that is edible.

	Each	Doz.	100
8 to 10 feet	$1 00	$10 00	$75 00
10 to 12 feet	1 50	15 00	

B. lutea. YELLOW BIRCH. (M) This Birch makes a shapely, handsome tree, with bronze-colored bark. It will grow almost anywhere and should be included in collections of desirable trees.

	Each	Doz.	100
6 to 8 feet	$0 75	$7 50	$60 00
8 to 10 feet	1 00	10 00	75 00

B. nigra; syn., **rubra.** RED BIRCH. (L) The familiar Birch, with torn and ragged bark. It is a graceful, moisture-loving tree that should be in all lowland plantings.

	Each	Doz.	100
10 to 12 ft., 1½ to 2 in. cal.	$1 50	$15 00	$100 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	24 00	

B. papyrifera. PAPER, or CANOE BIRCH. (M) Tall and exceedingly handsome, with very white bark and loose, graceful head when older.

	Each	Doz.	100
8 to 10 feet	$1 00	$10 00	$75 00
10 to 12 feet	1 50	15 00	

Carpinus · Hornbeam

Carpinus Americana; syn., **Caroliniana.** AMERICAN HORNBEAM. (M) A bushy tree, with leaves and bark resembling the Beech. A strong grower, valuable in shady places and as an undergrowth.

	Each	Doz.	100
2 to 3 feet	$0 40	$4 00	$20 00
3 to 4 feet	50	4 50	30 00

C. Betula. EUROPEAN HORNBEAM. (S) A compact little tree, with twiggy branches. Valuable for shady places and for hedges.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$30 00
4 to 5 feet	75	7 00	

The Catalpas

These are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves are large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesting. They do well in exposed situations and meager soils. Popular in commercial and ornamental planting. The Catalpas grow rapidly, giving quick results. As an ornamental flowering tree for midsummer they are not easily surpassed.

Catalpa Bungei. CHINESE CATALPA. (D) A curious dwarf tree, with a globular head measuring 8 to 10 feet in diameter. Top-grafted on tall stems, it is as effective for lawn and terrace decorations as the tender and more expensive bay trees. Quite hardy, most distinct and desirable for lawn planting. We offer some magnificent large specimens.

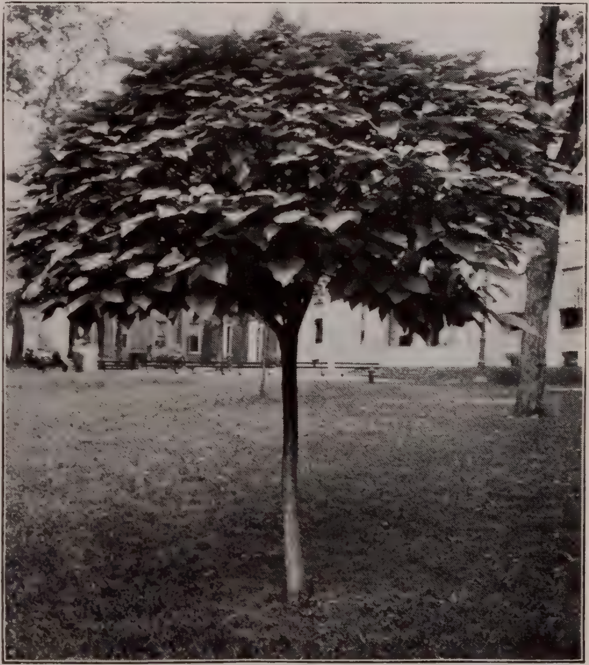
	Each	Doz.
5 to 7 feet, small heads	$1 50	$15 00
6 to 8 ft., 3-yr. heavy heads	2 50	24 00
Specimens grafted 6 to 8 ft. high, heads 4 to 6 ft. broad, stems 2½ to 3 in. cal.	$5 to	8 00

C. hybrida. TEA'S JAPAN HYBRID. (L) Large, rapid-growing hardy tree that is beautiful with abundant flowers in June or July.

6 to 8 ft. . 75c. ea., $7 per doz., $40 per 100

C. speciosa. WESTERN CATALPA. (M) Ornamental as a flowering tree, and durable as timber. It is much valued in the central states, and largely grown there. Tall, hardy, quick of growth aud thrives in almost any soil; most hardy of the Catalpas.

	Each	Doz.	100
6 to 8 feet	$0 75	$7 00	$40 00
8 to 10 feet	1 00	9 00	60 00
10 to 12 feet	1 50	15 00	90 00



CATALPA BUNGEI. A sample of the size and quality of our $5 to $8 trees

Celtis

Celtis occidentalis. NETTLE TREE, or HACKBERRY. (L) An ornamental tree of the first magnitude, with wide-spreading branches and light green foliage. Not unlike the elm in general appearance. Grows in almost any soil and transplants easily.

3 to 4 ft. . 60c. ea., $6 per doz., $40 per 100

Cerasus · Flowering Cherries

At the beginning of summer these trees are buried under a wealth of bloom, which is strung all along the branches. They have good dense foliage, and, with the exception of the dwarfer varieties, make desirable shade trees.

Cerasus Avium, var. alba plena. LARGE DOUBLE-FLOWERING CHERRY. (M) Clusters of large white flowers almost cover the tree in May. Few things are so beautiful when in bloom.

5 to 6 feet . . . $1.25 each, $12 per doz.

CERCIS CANADENSIS SOLD BY US 8 OR 9 YEARS AGO (See page 28)

WEEPING CHERRY AND EVERGREENS, FURNISHED AND ARRANGED BY US

Cerasus rosea pendula. JAPANESE WEEPING CHERRY. (D) A compact, weeping tree, that makes beautiful lawn specimens and is so small that it can be used in very limited areas. The drooping branches almost meet the ground, and when in May they are hung with innumerable delicate pink flowers, there is nothing that surpasses it in beauty. At other seasons the foliage is good and the tree altogether sightly.

6 to 7 feet, 2-year heads . . $2 each, $20 per doz.

C. Padus; syn., **Prunus Padus.** EUROPEAN BIRD CHERRY. (S) Drooping racemes of white flowers in spring, followed by black fruits.

	Each	Doz.	100
2 to 3 feet	$0 40	$4 00	$25 00
3 to 4 feet	50	5 00	

C. Pennsylvanica. COMMON WILD, BIRD, or PIN CHERRY. (M) A good ornamental tree for sandy, rocky or poor soils. Small white flowers come with the leaves. Tiny bright red cherries of inferior quality follow. Attract the birds, grow easily and should be liberally used in making natural planting.

4 to 5 feet . 50 cts. each, $5 per doz., $30 per 100

C. serotina. WILD BLACK CHERRY. (M) Its flower racemes are white and fragrant, its leaves glossy, and its fruits black. This is one of the most ornamental of our native trees, and deserves more general appreciation.

	Each	Doz.
6 to 8 feet	$0 75	$7 50
8 to 10 feet	1 00	10 00

Cercis · Judas, or Red Bud

Very early in spring the leafless branches and twigs of these trees are clothed in a thick mist of delicate deep pink flowers. Planted among other early-blooming trees they produce fine effects, or as single specimens are beautifully attractive. Their radiant flower-masses are followed by glossy foliage.

Cercis Canadensis. AMERICAN RED BUD. (D) Small, rapid-growing, round-headed tree or bush.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	35	3 50	20 00
4 to 5 feet	50	5 00	30 00
5 to 6 feet	75	7 00	40 00

C. Japonica. JAPAN JUDAS. (VD) More dwarf than the above, larger and has more brilliant flowers.

	Each	Doz.	100
2 to 3 feet	$0 50	$4 50	$30 00
3 to 4 feet	75	7 50	50 00

Cladrastis

Cladrastis tinctoria; syn., **Virgilia lutea.** YELLOW WOOD. (S) A pretty little tree, with smooth, light bark and graceful branches, that bear drooping racemes of sweet-scented, white wistaria-like flowers in June.

	Each	Doz.
3 to 4 feet	$0 50	$4 50
4 to 5 feet	75	6 00
5 to 6 feet	1 00	9 00
6 to 8 feet	1 25	12 00

Six plants of the same variety will be supplied at the price per dozen, 25 at the price per hundred, 250 at the price per thousand

Cornus · Dogwood

SEE, ALSO, SHRUBS

Cornus florida. WHITE DOGWOOD. (S) Of inestimable value in landscaping. The white-petaled flowers cover the tree in early spring. The deep crimson autumn leaves rival in brilliancy the scarlet Oak. For planting in quantity with shrubs, for screens, or under and among larger trees, nothing is finer.

	Each	Doz.
3 to 4 feet	$0 50	$5 00
4 to 5 feet	75	7 00

var. pendula. (D) A weeping form of the above, with similar flowers.

2½ to 3 feet	$2 00

Cornus florida, var. rubra. RED-FLOWERING DOGWOOD. (D) This tree possesses the many good qualities of its parent, *Cornus florida*, and resembles it in all but the flowers, which in this case are a beautiful shade of pink. One of the best of recent novelties. It looks nicely when planted in clusters with the white-flowering sort or against a background of evergreens, as shown by the illustration. Does equally well in open or partially shaded places.

	Each	Doz.
2 to 3 feet	$1 00	$9 00
4 to 5 feet	2 00	21 00

Crataegus · Thorn

The Thorns are all strong, hardy growers in almost any soil or climate. They make dense, bushy shrubs or little trees, and are particularly bright and attractive when the autumn foliage changes to brilliant colors. They flower abundantly in May and June, and are fragrant and showy. They occupy but little space and can be used in small areas. Some varieties have very ornamental fruits, which make pleasing fall and winter decorations. Most kinds are capable of being sheared and may be trained into thick, dense hedges, which their thorns make almost impenetrable.

Crataegus coccinea. SCARLET THORN. (S) One of the hardiest and best Thorns. Among the earliest to bloom, with pinkish white flowers. Bright scarlet fruits follow the flowers.

	Each	Doz.	100
2 to 3 ft.	$0 35	$3 50	$20 00
4 to 5 ft.	75	7 00	

C. cordata. WASHINGTON THORN. (D) A desirable species flowering in June, coloring brightly in the fall, and hung with red fruit well into winter. Grows easily, is hardy, and useful as specimens, for grouping and hedging.

	Each	Doz.	100
3 to 4 ft.	$0 50	$4 50	$30 00
4 to 5 ft.	75	8 00	50 00
5 to 6 ft.	1 00	10 00	60 00

C. Crus-Galli. COCKSPUR THORN. (D) The thorny branches grow out horizontally. The leaves color brilliantly in autumn. Bright scarlet or orange-colored fruits.

	Each	Doz	100
2½ to 3 ft.	$0 50	$4 50	30 00
3 to 4 ft.	75	7 00	

C. Oxyacantha. ENGLISH HAWTHORN. (V D) A little tree or bush with spreading branches and stout spines. It is familiar in most English gardens and very desirable here. Clusters of fragrant single white flowers that resemble little roses.

2 to 3 feet, 50 cts. each, $4.50 per doz., $30 per 100.

WHITE DOGWOOD (*Cornus florida*)
Planted by us on the grounds of the New Jersey State Hospital, at Trenton

Crataegus Oxyacantha, var. alba flore pleno. DOUBLE WHITE HAWTHORN. (D) A little tree that differs from the foregoing only in having double instead of single flowers.
4 to 5 feet . . . . . . $1 each, $10 per doz.

var. coccinea flore pleno. PAUL'S DOUBLE SCARLET THORN. (D) A new sort that has fine double crimson flowers. A tree that is most conspicuous when in full bloom, and a sight not easily forgotten.
4 to 5 feet . . . . . . $1 each, $10 per doz.

var. rosea flore pleno. DOUBLE PINK HAWTHORN. (D) Of the same general habit as the other varieties of *Cratægus Oxyacantha*, with fragrant, double rose-colored flowers.
5 to 6 ft. . . . . $1 each, $10 per doz.

Fagus · The Beeches

These are among the most attractive, ornamental trees for lawn or park plantings. They are useful for avenues, high screens or as specimens. Hardy, and rarely subject to insect ravages. The deep, dark red leaves of the Purple variety, the delicately cut foliage of the Fern-leaved, and the grotesqueness of the Weeping Beech are characteristics meriting their more general use. Like other hard-wood trees, they require pruning when planted.

Fagus ferruginea. AMERICAN BEECH. (L) Our noble forest native, with light gray bark and symmetrical head.
6 to 8 feet . . . . $2 each, $21 per doz.

F. sylvatica. EUROPEAN BEECH. (L) A compact, long-lived tree. The foliage is dense and darker green than the American Beech. The dead leaves hang on all winter and make this one of the very best trees for screens and hedges to shut off unsightly objects. It is also appropriate for individual planting. Grows easily in almost any place.

	Each	Doz.	100
6 to 8 feet	$2 00	$21 00	$135 00
8 to 10 feet	2 50	24 00	175 00
10 to 12 feet	3 50	36 00	

Prices upon larger trees upon application.

WEEPING BEECH, IN A PLANTING ARRANGED BY US

Fagus sylvatica, var. heterophylla. FERN-LEAVED BEECH. (S) A small tree that is very ornamental with its deep delicately cut foliage.

	Each	Doz.
4 to 5 feet	$2 50	$24 00
5 to 6 feet	3 00	

var. pendula. WEEPING BEECH. (M) A remarkably vigorous tree, of curious, picturesque growth. Its twisting, gnarled and contorted down-sweeping branches resemble rich fountains of foliage, and make it indispensable as a specimen or in breaking up the regular outline of other trees. One of the most charming weeping trees in cultivation.
5 to 6 feet $3 00

var. purpurea. PURPLE, or COPPER BEECH. (L) A strong, vigorous tree of elegant habit, useful for contrasting effects, with attractive foliage changing from purple through crimson to purplish green.
3 to 4 feet, $1.50 each, $15 per doz., $100 per 100.
8 to 10 feet, specimens, $5 to $8 each.
10 to 12 feet, specimens, $8 to $12 each.

F. Riversii. RIVERS' PURPLE BEECH. (L) The finest of all purple-leaved trees. When a large-growing tree with purple foliage is wanted, nothing equals this. Though it varies in intensity of color from early spring until late fall, the leaves are always a rich shade.

	Each	Doz.
3 to 4 ft. .	$1 25	$12 50
4 to 5 ft. .	1 75	18 00

var. pendula. RIVERS' WEEPING PURPLE BEECH. (M) A splendid weeping form of the above.
6 to 8 feet, grafted tops. $5 each.

Fraxinus · Ash

Desirable shade trees for parks or lawns, with large, open spreading heads and light, airy foliage.

Fraxinus alba. American White Ash. (L) This grand old native is quick of growth, with massive trunk and broad-spreading limbs. It is valued for timber, shade or street planting.

	Each	Doz.	100
8 to 10 feet	$1 25	$12 00	$70 00
10 to 12 feet	1 50	15 00	90 00

F. excelsior. European Ash. (M) Taller and more rounded than the American, with larger, darker leaves, which remain on the tree late into the fall. Distinguished by its black buds. It thrives in moist ground.

	Each	Doz.	100
8 to 10 feet	$1 00	$9 00	$60 00
10 to 12 feet	1 50	15 00	90 00

var. pendula. Weeping Ash. (M) An odd tree with low head of long, horizontal and drooping branches. Makes a unique appearance when planted individually about the lawn.

6 to 8 feet, strong heads . . $2 each, $18 per doz.

F. Ornus. European Flowering Ash. (S) A small ornamental tree that bears great masses of fringe-like flowers in June, filling the air with a sweet fragrance.

8 to 10 feet . . . . $1 each, $9 per doz.

F. nigra; syn., **sambucifolia.** Black Ash. (L) A medium tall tree, hardy as far north as Canada, with elegant foliage. Forms a broad, open head. A desirable shade tree.

8 to 10 feet . . $1 each, $9 per doz., $60 per 100

Gingkgo · Maidenhair Tree

See Salisburia

Gymnocladus

Gymnocladus Canadensis. Kentucky Coffee Tree. (M) An odd tree of medium size, with narrow, pyramidal head. Its branches are blunt and twigless, and the feathery bluish green foliage gives it a tropical aspect. Has white flower-panicles that are followed by large seed-pods. Is remarkably free from the ravages of insects. Withstands well adverse conditions; is ornamental and desirable.

	Each	Doz.	100
6 to 8 feet	$1 00	$9 00	60 00
8 to 10 feet	1 25	12 00	80 00
10 to 12 feet	2 00	18 00	

Juglans · The Walnut

Some of these are quite ornamental, especially the **Black Walnut** (*Juglans nigra*), and the **Butternut** (*Juglans cinerea*). They are described among Nut Trees.

Koelreuteria

Koelreuteria paniculata. Japanese Varnish Tree. (S) A small tree, attractive at all seasons, especially when covered with panicles of showy yellow flowers a foot long. A desirable addition on any lawn.

4 to 5 feet . 75 cts. each, $7 per doz., $40 per 100

Larix · Larch

Larix Europaea. European Larch. (M) A conifer with deciduous needle-like leaves; bright green very early in spring and clear yellow in autumn. A pyramidal tree with graceful branches. Particularly desirable for lawn planting. Can also be used as an avenue tree. It is just the thing to give quick results, as it grows so rapidly.

	Each	Doz.	100
4 to 5 feet	$0 60	$6 00	$35 00
5 to 6 feet	75	7 00	50 00
6 to 8 feet	1 00	10 00	70 00

Liquidambar

Liquidambar styraciflua. Sweet Gum. (M) A native tree of rapid growth. It is of medium height, has a narrow pyramidal head, is hardy and grows well in either dry or damp soil. The bark is corky, and the beautiful glossy green star-shaped leaves make a cooling shade in summer, but in autumn its brilliant foliage presents varying colors of bright red to the darkest crimson. Admired on any lawn.

	Each	Doz.	100
5 to 6 feet	$1 00	$10 00	$70 00
6 to 8 feet	1 50	15 00	

Liriodendron

Liriodendron Tulipifera. Tulip Tree. (L) A grand native tree of rapid growth, that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green, glossy and dense. After attaining maturity the tree flowers freely in June, producing numbers of creamy yellow fragrant tulip-like flowers.

	Each	Doz.
8 to 10 feet	$1 00	$10 00
10 to 12 feet	1 50	15 00
12 to 14 feet	2 50	

We are desirous of obtaining photographs of specimen trees and shrubs. We want pictures of well-planted lawns and beautiful shrub and flower borders. If persons having good photographs of such horticultural subjects will send them to us, naming prices thereon, we shall see if we can use them. If not accepted, we shall return them; but will not be liable for any loss or damage that might occur in so doing.

The Magnolias

Their lavish profusion of large and beautiful flowers, their fragrance, richness of foliage and stately, tropical aspect place the Magnolias easily first among flowering trees. Planted in groups, their spring inflorescence is grand beyond description ; as lawn specimens or against an evergreen foil, their large, glossy foliage and shapely outline make them beautiful anywhere. They thrive in any good soil, but like best one that is warm, rich and moderately moist. Plant in spring to insure best results.

AMERICAN SPECIES AND VARIETIES

Magnolia acuminata. CUCUMBER TREE. (L) This tallest species is a fine pyramidal tree attaining a height of 60 to 90 feet. The fruit-cones are cucumber-shaped, turning crimson in autumn. The broad, oblong leaves are 5 or 6 inches in length, making a handsome foliage effect and a splendid lawn or avenue tree. This Magnolia grows rapidly in almost all soils.

5 to 6 feet . . . . $1 each, $10 per doz.

M. glauca (S) The native "Sweet Bay" of our swamps, whose fragrant white flowers in June are much admired. Its glossy laurel-like leaves are almost evergreen.

2 to 3 feet . . . . . . $1 each, $10 per doz.

M. grandiflora. EVERGREEN MAGNOLIA. For descriptions and prices, see page 19.

M. tripetala. UMBRELLA TREE. (M) A hardy, rapid-growing tree of medium size. The head is open, the leaves are large and disposed in whorls about the branches, producing a tropical effect. Its showy white flowers are frequently 6 inches in diameter, followed by crimson fruit-pods of striking beauty.

6 to 8 feet . . . . . . $1.25 each, $12 per doz.

ORIENTAL SPECIES AND THEIR HYBRIDS

These are more dwarf in habit than the American varieties. They readily assume bush form, though frequently attaining a height of 20 to 30 feet. They bloom profusely in April and May, just before their leaves appear.

M. conspicua. CHINESE WHITE MAGNOLIA. (S) A small tree ; deep, cup-like, waxy flowers thickly cover it in April before the leaves appear, and make it an ornament to any lawn.

3 to 4 feet . . . . $3 each, $30 per doz.

M. hypoleuca. (L) A tall tree with leaves 8 to 14 inches long, silvery on their under surface. Cup-shaped, fragrant flowers in May and June that are 6 to 7 inches across. Partially hardy in New England, splendid for warmer climates.

	Each	Doz.
3 to 3½ feet	$1 50	
5 to 5½ feet	2 50	$24 00

M. Kobus. THURBER'S MAGNOLIA. (S) This bushy tree has small, fragrant, creamy white flowers that appear with those of the variety Conspicua. We have some splendid American-grown trees.

	Each	Doz.
3 to 4 feet	$2 00	$18 00
4 to 5 feet	2 50	24 00

AVENUE OF MAGNOLIAS (This is one of the Oriental varieties)

Magnolia Lennei. Lenne's Magnolia. (S) This remarkable tree blooms in May and frequently again in late summer. Its flowers are dark rose without and pearly white within. It is a strong grower that makes a grand display when in flower.

	Each	Doz.
3 to 4 feet	$2 00	$18 00
4 to 5 feet	2 50	24 00

M. Soulangeana. Soulange's Magnolia. (S) Among the hardiest and finest of the foreign varieties. The large purple and white flowers, borne a little later than those of the Conspicua, are attractive anywhere.

	Each	Doz.
2½ to 3 feet	$1 25	$12 00
3 to 3½ feet	1 50	15 00
3½ to 4 feet	2 00	21 00
4 to 5 feet	2 50	24 00

M. Stellata; syn., Halleana. Hall's Japanese Magnolia. (VD) Dwarf and bushy. It blooms earlier than any other variety, and its semi-double, white, star-like flowers are delicate and fragrant. A striking novelty where early bloom is desirable.

	Each	Doz.
1½ to 2 feet	$1 25	$12 00
2 to 2½ feet	1 75	18 00
2½ to 3 feet	2 50	24 00

Morus · Mulberries

Birds are passionately fond of Mulberries, and gather through the summer in great numbers to enjoy their sweet fruits. By planting these trees the naturalist may draw his feathered friends about him. Their characteristics are hardiness to withstand cold, drought and neglect. Graceful and beautiful trees with oddly cut foliage.

Morus alba, var. New American. (S) A broad, bushy-headed tree that is an improved form of our common native Mulberry. The black fruits are borne profusely and are very sweet.

	Each	Doz.
5 to 6 feet	$0 50	$5 00
8 to 10 feet	75	6 00

M. nigra, var. Tatarica. Russian Mulberry. (S) Bears large crops of small fruits.

	Each	Doz.	100
3 to 4 feet	$0 35	$2 50	$18 00
4 to 5 feet	50	4 50	25 00

var. Tatarica pendula. Teas' Weeping Mulberry. (D) Requires but two or three years to develop into a handsome weeping tree that will ornament any lawn. The pendulous branches sweep the ground in shining lengths. One of the best weeping trees in cultivation.

5 to 6 feet, 2-year heads	$2 00
4 to 6 feet, large 3- to 5-year heads	$3 to 5 00

M. rubra, var. Downing's Everbearing. (S) This variety has very large leaves that are quite ornamental. The fruit is large, black and rich in flavor.

	Each	Doz.
5 to 6 feet	$0 40	$4 00
6 to 8 feet	50	5 00

Nyssa

Nyssa sylvatica; syn., N. multiflora. Sour Gum. (M) A native tree that is very hardy and not particular about the soil that it has to grow in, though it is especially fond of damp, swampy places. The small, dark, glossy green leaves are bright and attractive. They are among the first to change their color in the fall and are most gorgeous in their brilliant scarlet coloring, which is as bright as any tree we know of. They are rather hard to transplant and should be cut back when moving.

2 to 3 feet . . . . . . 75 cts. each, $7 per doz.

Paulownia

Paulownia imperialis. Empress Tree. (S) This is an odd-looking tree, with immense leaves that often measure 18 inches across, and in June bears long panicles of purplish flowers. If cut back to the ground each year, the roots send up rapid-growing branchless trunks that produce a unique and tropical effect.

	Each	Doz.
3 to 4 feet	$0 50	$5 00
6 to 8 feet	1 00	9 00

Persica · Peach

Little trees that wrap themselves in rich clouds of fragrant bloom early in the spring. They mature rapidly and resemble the fruit-bearing peaches.

Persica vulgaris, var. alba plena. Double White-flowering Peach (D) 75 cts. each, $6 per doz.

var. rosea plena. Double Pink-Flowering. (D) 75 cts. each, $6 per doz.

var. sanguinea plena. Double Red-Flowering. (D). 75 cts. each, $6 per doz.

Platanus · Plane or Buttonwood

The Platanus is among our tallest trees, grows rapidly into massive proportions, is hardy, and remarkably free from disease. It is a great favorite for streets, parks or lawns, does well in most soils, withstands the smoky atmosphere of cities and thrives near the seashore.

Platanus occidentalis. Buttonwood. (L) Our grand native sort, which grows to majestic size and is so conspicuous in winter with its gray-white bark.

	Each	Doz.
10 to 12 feet, 1½ to 2 in. cal.	$2 00	$18 00
16 to 18 feet, 3 to 4 in. cal., specimens	$5 to 10 00	

P. orientalis. Oriental Plane. (L) Similar to above, but a cleaner tree and a better grower. It is popular in all landscape work.

	Each	Doz.	100
6 to 8 feet	$1 25	$12 00	$90 00
8 to 10 ft., 1¼ to 1¾ in. cal.	1 50	16 00	120 00
12 to 14 ft., 1½ to 2 in. cal.	2 50	27 50	200 00
Larger trees 2 to 3 in. cal.	$3 to $5 00		

Phellodendron

Phellodendron Amurense. CHINESE CORK TREE. (M) A tropical-looking tree with long pinnate foliage, similar to that of an Ailanthus. It is hardy as far north as Massachusetts, grows rapidly when young, forms a low round head. It is quite rare, and withstands heat and drought. It is valued as a specimen, and has been suggested as an avenue tree.

6 to 8 ft., 2 to 2½ in. cal. . $1.50 ea., $15 per doz.

Populus · The Poplars

These trees grow fast, are quickly effective and cheap. They thrive in almost any soil and withstand well the smoke and gases of city streets, and the heavy winds of our coasts. Where quick shade or temporary effects are desired, Poplars are much used.

Populus alba, var. Bolleana. BOLL'S POPLAR. (L) In habit resembles the Lombardy Poplar, but leaves are silvery white beneath.

	Each	Doz.
6 to 8 feet	$1 00	$9 00
8 to 10 feet	1 50	15 00

Prices on larger trees upon request.

P. balsamifera. BALSAM POPLAR. (M) A rapid grower of spreading pyramidal form, with glossy green leaves.

10 to 12 feet . . . . . $1.25 each, $12 per doz.

P. monilifera; syn., **deltoides.** CAROLINA POPLAR. (M) The heart-shaped leaves are glossy and fresh-looking. Withstands well conditions under which many trees die. Largely planted in cities, and for quick effect about new buildings. It is a sure and rapid grower.

	Each	Doz.	100
8 to 10 feet	$0 75	$7 00	$40 00
12 to 14 feet	1 25	12 00	

var. Van Geertii. VAN GEERT'S GOLDEN POPLAR. (M) Bright golden yellow foliage, that is desirable for contrasts.

8 to 10 feet . . . . $1 each, $9 per doz.

P. nigra, var. fastigiata. LOMBARDY POPLAR (L) A tall, columnar form, that is in contrast to the more rounded outline of other trees. It branches from the ground, and is much used where a tall hedge is wanted as a screen. Especially valued for formal effects.

8 to 10 feet . . . . $1 each, $9 per doz.

P. trichocarpa. (M) A rapid-growing new variety, with heavy glossy leaves that have a silvery under surface.

	Each	Doz.
6 to 8 feet	$0 75	$6 00
8 to 10 feet	1 00	9 00

Prunus

Prunus Pissardi. PURPLE-LEAVED PLUM. (D) A neat little tree of quick growth, that is valued especially on account of its rich, dark purple leaves that do not fade through the summer and are bright and lustrous until they drop in the fall. On account of the odd and beautiful foliage, this Prunus is used extensively to produce color contrasts in all landscape plantings. It is valuable in open or mass work, and is just the thing for color effects in shrubbery borders. In April, before the leaves appear, small pinkish white flowers line the branches in great profusion and make this one of the most ornamental of plants.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$30 0
5 to 6 feet	1 00	10 00	60 0

P. triloba. DOUBLE-FLOWERING PLUM. (D) May. A strong-growing, hardy shrub, with delicate pink, double flowers and slender branches. Very ornamental.

2 to 3 feet . . . . . 50 cts. each, $4.50 per doz

Ptelea · Hop Tree

Large shrubs or small trees, with bright shining leaves and clusters of white flowers in June, tha are succeeded by an abundance of hop-shape seed-vessels that hang on for a long time. Quit hardy; grows easily. Ornamental as a specime or in connection with other plants

Ptelea trifoliata. (D) Green leaves.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$30 0
6 to 8 feet	1 00	9 00	50 0

var. aurea. GOLDEN HOP TREE. (D) The brigh golden leaves distinguish it from the above.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$30 0
4 to 5 feet	75	7 00	40 0

Pyrus · Flowering Crab Apples

Hardy little flowering trees, that bloom abundantly in spring. Their double fragrant flowers ar always enthusiastically remarked upon.

Pyrus angustifolia, var. Bechteli. BECHTEL' DOUBLE-FLOWERING CRAB. (S) Bears masses o double, rose-like flowers of a delicate pink colo and most delightful fragrance. Blooms whe quite young. A good subject for tall shrubber massing or for individual planting.

3 to 4 feet . 75c. ea., $7.50 per doz., $50 per 10

P. Parkmani. PARKMAN'S DOUBLE-FLOWERIN CRAB. (S) A beautiful little tree, to be plante singly or in clusters about the lawn. At the clos of April it sends forth clusters of dark rose-colored buds that open into beautiful rosy whit flowers of exquisite fragrance.

3 to 4 feet . 60 cts. ea., $6 per doz., $40 per 10

Six plants of the same variety will be supplied at the price per doz., 25 at the price per hundred, 250 at the pric per thousand.

Quercus · The Oaks

"Strength, Solidity, Durability are Symbolized in the Oak"

These grand trees, possessing so many virtues, do not grow slowly, as is often supposed. Their great vigor and hardihood enable them to withstand the drought of hillsides and the caustic influence of sea spray. Their broad, spreading heads make them desirable shade trees for lawns, parks, public grounds and avenues. The brilliant autumnal coloring of some species is everywhere commented upon. Our Oaks are frequently transplanted, and when thus cared for are not difficult to establish. Prune severely when planting.

Quercus alba. White Oak. (L) This well-known grand old forest tree is unsurpassed for ornamental purposes, when given space to develop. It has stout, spreading branches that form a broad, open head. Our White Oaks have been frequently transplanted, resulting in splendid root systems that reduce the possibility of loss in removing these trees to a minimum.

	Each	Doz.	100
6 to 8 ft., 1¼ to 1¾ in. cal.	$1 50	$16 00	$120 00
8 to 10 ft., 1½ to 2 in. cal.	2 00	21 00	150 00
10 to 12 ft., 2 to 2½ in. cal.	3 00	30 00	

Q. bicolor. Swamp White Oak. (L) A medium tall, round-topped, open-headed tree, with light gray bark. Attractive, and thrives well in either wet or dry situations. It is one of the best growing and most desirable Oaks in cultivation.

	Each	Doz.
5 to 6 feet	$1 00	$9 00
6 to 8 feet	1 50	15 00

Q. Cerris. Turkey Oak. (L) A fine Oak of pyramidal growth when young, developing into a broad, open-headed tree. The pinnatifid leaves remain green until heavy frost.

	Each	Doz.	100
12 to 14 ft., 1½ to 2 in. cal.	$1 50	$15 00	$100 00
14 to 16 ft., 2 to 3 in. cal.	2 00	21 00	150 00

Q. coccinea. Scarlet Oak. (L) Tall, pyramidal, especially valued for the sparkling red of its autumn foliage.

	Each	Doz.
6 to 8 feet	$1 50	$15 00
8 to 10 feet	2 00	
10 to 12 feet	3 00	

Q. macrocarpa. Mossy-Cup Oak. (L) Of massive open growth, with large, heavy leaves and deeply corrugated bark. The cups of the large acorns are curiously fringed with gray moss. Among the noblest of all the species.

	Each	Doz.
6 to 8 feet	$1 75	$18 00
8 to 10 feet	2 50	24 00
10 to 12 ft., 2¼ to 3 in. cal.	$3 to 5 00	

Q. palustris. Pin Oak. (L) A tree of especial grace and beauty ; the most popular of all Oaks ; unsurpassed as lawn specimens, admired for avenues, and withstands well the unnatural conditions of our cities. As the tree grows the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the fall. We have a large stock of these desirable trees that have straight trunks, good heads, and have recently been transplanted.

Quercus palustris, continued

	Each	Doz.	100
10 to 12 ft., 1½ to 2 in. cal.	$2 00	$21 00	$150 00
12 to 14 ft., 1¾ to 2¼ in. cal.	2 50	27 50	175 00
14 to 16 ft., 2 to 2½ in. cal.	3 00	32 50	225 00
14 to 16 ft., 2½ to 3 in. cal.	$3.50 to 5 00		

Prices of larger trees upon application.

Q. Phellos. Willow-leaved Oak. (L) A symmetrical, round-headed, fast-growing tree, of medium size, that is uncommon and ornamental. Prefers moist soils, but grows well in other locations. A good Oak for sylvan, avenue, and lawn plantings.

	Each	Doz.
6 to 8 feet	$1 75	$18 00
8 to 10 feet	2 50	24 00

PIN OAK

Quercus Prinus. CHESTNUT OAK. (L) Of tall, vigorous growth, with leaves shaped like a chestnut's. Native of dry situations.

	Each	Doz.
10 to 12 ft., 1½ to 2 in. cal. . .	$2 25	$24 00
12 to 14 ft., 2 to 3 in. cal. . .	3 00	30 00

Q. Robur. ENGLISH OAK. (L) Of moderate growth, with massive, spreading stature. It is a very long-lived tree. The leaves are smaller than those of our native varieties and remain green until late in the fall, when they turn brown and hang fast well on into winter. Grand trees for lawns and public grounds.

	Each	Doz.	100
8 to 10 feet	$1 50	$12 00	$80 00
10 to 12 ft., 1¾ to 2¼ in. cal.	2 00	20 00	125 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	24 00	150 00
14 to 16 ft., 2½ to 3 in. cal.	3 50	36 00	200 00

SALISBURIA (GINKGO, OR MAIDENHAIR TREE)

Quercus rubra. RED OAK. L) A large native tree with deeply cut bright green leaves. It is a good grower and not particular about the soil. In autumn the foliage turns a rich, purplish crimson, that is scarcely surpassed in brilliancy by any other tree.

	Each	Doz.	100
5 to 6 feet	$1 00	$9 00	$65 00
6 to 8 feet	1 25	12 50	85 00
8 to 10 feet	2 00		
10 to 12 ft., 1½ to 2 in. cal.	3 00		

Robinia · Locust

Robinia hispida. ROSE ACACIA. (V D) Usually a shrub, but our stock has been top-grafted on stems 3 to 4 feet high, and makes a handsome little tree with small round head. The branches closely resemble those of a moss rose, the leaves are similar to those of other Locusts. In June or July long panicles of rose-colored flowers hang from the branches.

4 to 5 feet, 1-yr. grafted heads, $1 ea., $10 per doz.

R. Pseudacacia. BLACK LOCUST. (L) A familiar tree of rapid growth that thrives in any place. The pinnate foliage is light and airy. In June the tree is fragrant with panicles of white flowers. Its durable timber, rapid growth and cheapness make it valuable for planting in fence-rows.

8 to 10 feet . 75 cts. each, $7 per doz., $35 per 100

Salisburia

Salisburia adiantifolia. GINKGO, or MAIDENHAIR TREE. (M) Recently this tree has sprung into great popularity, and it merits the praise it receives. It is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair Fern. But its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds, and useful for street planting. Of medium height, pyramidal in growth, sparsely branched and of characteristic irregular outline.

	Each	Doz.	100
6 to 8 feet	$1 00	$10 00	$70 00
8 to 10 ft., 1¼ to 1¾ in. cal.	1 50	15 00	100 00
10 to 12 ft., 1½ to 2 in. cal.	2 00	21 00	150 00

Salix · The Willows

A large family of trees, which embraces varied forms, and includes some of our commonest and most ornamental trees. They are hardy throughout the temperate zone. Willows will grow almost anywhere and need not necessarily be planted beside streams and waterways, as is commonly supposed. They mature so quickly that they are very satisfactory to plant for quick effects. The golden-barked varieties are especially interesting and attractive in winter when the leaves have left their brilliant branches.

Six plants of the same variety will be supplied at the price per dozen, 25 at the price per hundred, and 250 at the price per 1,000

Salix alba; syn., **regalis.** (M) Upright habit, strong grower and very hardy. Slender, light gray branches, and narrow silvery gray leaves.

3 to 4 feet . 50 cts. ea., $4.50 per doz., $25 per 100

S. Babylonica. Weeping Willow. (M) This is the well-known Weeping Willow, whose long, pendulous branches droop so gracefully and sway to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places. These trees mature rapidly and are satisfactory for quick results. See illustration on this page.

	Each	Doz.	100
6 to 8 feet	$0 75	$6 00	$40 00
8 to 10 ft., 1½ to 2½ in. cal.	1 50	15 00	

Prices on a few larger trees, 4 to 8 inch caliper, upon application.

var. dolorosa. Wisconsin Weeping Willow. (L) A strong-growing form very similar to the above but considered hardy further north.

12 to 14 feet, 3 to 4 in. cal., $3 each, $30 per doz.

S. Caprea. Goat Willow. (S) A quick-growing shrubby tree, which is pretty in the first warm days of spring with a multitude of small fur-like catkins along its branches. Often called "Pussy Willow."

2 to 3 ft. . 35 cts. ea., $3.50 per doz., $25 per 100

var. pendula. Kilmarnock Willow. (D) A curious umbrella-shaped form with silvery gray leaves. Our stock has been grafted on stems 4 or 5 feet in height and makes attractive little trees, covered in early spring with soft, fur-like catkins.

	Each	Doz.
4 to 5 feet, 2-yr. heads	$1 25	$12 00
4 to 5 feet, 3-yr. heads	1 50	15 00

S. elegantissima. Thurlow's Weeping Willow. (L) Similar to *S. Babylonica.* Equally strong a grower and considered more hardy north.

5 to 6 feet . . . 75 cts. each, $6 per doz.

S. incana; syn., **rosmarinifolia.** Rosemary Willow. (D) A handsome odd-looking tree, with rounded head, slender twigs and small silvery leaves.

	Each	Doz.	100
4 to 5 ft., bush form	$0 50	$5 00	$30 00
5 to 6 ft., 2-yr. strong grafted heads	1 50		

S. laurifolia. See *S. pentandra* below.

S. pentandra. Bay, or Laurel-leaved Willow. (S) Has narrow, dark green glossy leaves, that shine conspicuously in the sunshine. A strong grower at the seashore, along water edges or on high ground. It is much used, and the bush form that we offer makes desirable screens and the tree-shaped plants are valued as specimens.

	Each	Doz.	100
3 to 4 feet, bush form	$0 50	$5 00	$30 00
8 to 10 feet, tree form	1 25	12 00	70 00

Salix purpurea, var. pendula. New American Willow. (D) A pretty, graceful Willow with slender drooping branches and small, narrow silvery gray leaves. Our stock is grafted on 5-foot stems and is valued for specimen planting.

5 to 6 feet, 3-year heads $1 75

S. vitellina, var. aurea. (M) Grows into a massive, low-headed tree. Light green leaves and brilliant golden yellow bark that is particularly bright in the leafless months of winter. It makes a fine specimen with a personality that other trees do not possess.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$25 00
5 to 6 feet	75	7 00	40 00

var. Britzensis. Salmon-barked Willow. (L) A form of the above, with the yellow bark on the younger wood tinted with red.

3 to 4 ft. . 50c. each, $4.50 per doz., $25 per 100

var. glauca. (S) A tree we brought from Europe several years ago. It has slender branches and small narrow green leaves that are silvery beneath. The bark is slatish gray. A good tree for willow plantations in moist places.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$25 00
6 to 8 feet	60	5 00	35 00

WEEPING WILLOW

Sophora Japonica

Sophora Japonica. JAPAN PAGODA TREE. (M) One of the nicest little trees for large or small plantings. It presents a neat, attractive appearance, with small shining green leaves. In August, when there are few other flowers, this is showy with clusters of white bloom. The wood of young twigs is olive-green.

2 to 3 feet . . . . . 75 cts. each, $7.50 per doz.

Sorbus · Mountain Ash

Sorbus (Pyrus) Aucuparia. EUROPEAN MOUNTAIN ASH. (M) A tree of medium size, having pinnate leaves and bearing clusters of orange-colored berries from midsummer until frost.

6 to 8 ft. . 75c. each, $7.50 per doz., $45 per 100

Styrax

Styrax Japonica. (D) A neat little tree that makes a fine display in June and July, when hung full of its fragrant white bells. Of graceful, loose and spreading habit. Is well adapted for shrubberies or as a single ornament on the lawn. It is deserving of more general appreciation.

A YOUNG AMERICAN ELM

Styrax Japonica, continued

	Each	Doz.	100
2 to 3 feet	$0 50	$5 00	$40 00
3 to 4 feet	75	7 50	50 00
4 to 5 feet	1 00	10 00	
5 to 6 feet	1 50		

Taxodium · Cypress

Taxodium distichum. DECIDUOUS, or BALD CYPRESS. (L) Grows rapidly and thrives in damp or dry soils. Very beautiful when in full leaf, with its fleecy, light green, cheerful foliage. It is a remarkably tall, narrow-headed tree, of conical outline that is popular for ornamental, specimen and formal planting.

	Each	Doz.	100
4 to 5 feet	$0 75	$7 00	$45 00
8 to 10 ft., 2 to 3 in. cal.	1 25	12 00	
10 to 12 ft., 2 to 3 in. cal.	2 00	18 00	

var. pendula. (M) A weeping form of the above that is decidedly graceful and pretty.

6 to 8 feet . . . . $2 each, $21 per doz.

Tilia · Linden, or Lime

These are large, rapid-growing lawn and avenue trees, that develop rounded heads and cast a cool, dense shade. Their light yellow flowers are very fragrant, and the large leaves heart-shaped. Lindens are hardy and grow well in any moderately good soil. Our stock of Lindens is unusual because of the vigor of the trees, which are shapely, well-developed and nicely rooted.

Tilia Americana. AMERICAN LINDEN, or BASSWOOD. (L) A rapid-growing native that develops into a large, broad, open-headed tree. The large, heart-shaped leaves cast a dense shade. It is hardy and grows in almost any soil. In spring it has small yellow flowers that fill the air with fragrance. One of the best shade trees for lawn planting. Also desirable for street and avenue work.

	Each	Doz.	100
6 to 8 feet	$1 00	$10 00	$65 00
8 to 10 feet, 1¼ to 1¾ in. cal.	1 50	15 00	100 00
10 to 12 feet, 1½ to 2 in. cal.	2 00	21 00	150 00

T. platyphyllos. BROAD-LEAVED EUROPEAN LINDEN. (L) The head of this tree is not so open as that of the American species; its leaves are larger and the surface of them is rough. The small flowers open at least a week earlier in the spring. In other respects it possesses characteristics similar to those of all Lindens.

	Each	Doz.	100
6 to 8 feet	$1 00	$10 00	$65 00
8 to 10 feet	1 50	15 00	100 00
10 to 12 ft., 1¾ to 2¼ in. cal.	2 00	21 00	

Prices on larger trees upon request.

var. laciniata. (M) A tree with delicately cut leaves that are interesting and ornamental.

6 to 8 feet . . . . $2 each, $18 per doz.

Ulmus · The Elms

In landscape planting the Elm is the most generally useful of all our trees. It is of massive proportions, long-lived and the branches spread into graceful arches that support a drooping fringe of twigs. The heads are so open that electric wires do not injure them, a desirable feature all street trees. It is extensively used for wide lawns, parks or public grounds, over which they cast eir cooling shade. Grows best in rich soils.

lmus Americana. AMERICAN ELM. (L) This tree, which arches many New England streets, grows well in other sections. Its rapid growth and especial grace make it unsurpassed for urban and suburban planting.

	Each	Doz.	100
6 to 8 feet	$1 00	$10 00	$65 00
8 to 10 feet	1 50	15 00	100 00
10 to 12 ft., 1½ to 2 in. cal.	2 00	21 00	150 00

. campestris. ENGLISH ELM. (L) Equally fine and imposing; has the advantage of adapting itself better to unfavorable conditions. Holds its leaves a longer time than the American variety.

	Each	Doz.	100
6 to 8 feet	$1 00	$10 00	$60 00
8 to 10 feet	1 50	15 00	100 00
10 to 12 ft., 1½ to 2 in. cal.	2 00	21 00	

Ulmus campestris latifolia. BROAD-LEAVED ENGLISH ELM. (L) Larger foliage than that of the English Elm, and a good grower.

10 to 12 feet . . . . $2 each, $18 per doz.

U. plumosa. (M) This rare tree we obtained in Holland. It branches at the ground and rises in the shape of a tall vase. The leaf is similar to that of the other Elms. Would be interesting in collections and splendid as a specimen.

8 to 10 feet $2 50

U. scabra, var. Huntingdoni. HUNTINGDON ELM. (L) One of the best Elms for any purpose. It is a strong, vigorous grower. Fine shade tree.

	Each	Doz.
6 to 8 feet	$1 00	$9 00
8 to 10 feet	1 25	12 00

CERTIFICATE OF INSPECTION

Our Nurseries are annually inspected by state authorities and continually by ourselves. A certificate inspection testifying to the freedom from disease is attached to every shipment of our stock.

AN EFFECTIVE PIECE OF EVERGREEN PLANTING AT GLENWOOD

Deciduous Shrubs

WHETHER planted individually or collectively, the shrub is an important feature in the adornment of any grounds. There are locations which suggest the planting of individual shrubs, which are to be allowed space for symmetrical development, and in such locations their grace and beauty cannot be surpassed. In groups they can be made to emphasize some feature of the lawn, to screen some unsightly object or to destroy the strong, stiff lines of foundation walls. At the edges of the lawn, along walks and drives, or in distant corners a collection of shrubs may be gathered together that will give a succession of bloom from the opening of spring until frost comes to destroy the flowers. Shrubs with purple and yellow leaves should be added, to give character and contrast to the planting. When the leaves have gone, the brilliant fruits of other species and bright, conspicuous bark of certain shrubs add variety and interest to the monotony of winter.

The assortment we offer includes varieties suited to every purpose, and our strong, well-rooted plants produce immediate effects that are not possible with smaller and lighter sizes.

Special prices will be made on Shrubs in large quantities. Shrubs that usually grow over 12 feet are marked (L); from 8 to 12 feet, (M); from 6 to 8 feet, (S); 3 to 6 feet, (D); and 3 feet and below, (V D).

AMELANCHIER

Amelanchier Botryapium. JUNEBERRY. (M) April. A native bush or small tree that thrives in a diversity of soils and is very hardy. Its thick snowy clouds of drooping white flowers, coming very early in spring, make it conspicuous and pleasing in the leafless landscape. The flowers are later followed by edible dark red berries, which are very ornamental.

3 to 4 ft. . 50 cts. each, $5 per doz., $30 per 100

Amorpha

Amorpha canescens. LEAD PLANT. (VD) June. Blue flowers, borne abundantly in terminal clusters. Dense habit, adapted to rockeries and shrubbery borders.

1 to 1½ ft. . 25c. each, $2.50 per doz., $15 per 100

A. fruticosa. FALSE INDIGO. (L) Large shrubs with large terminal panicles of pretty odd and attractive bluish purple flowers in July.

4 to 5 feet . . . . . 50 cts. each, $4.50 per doz.

Amygdalus · Almonds

Amygdalus communis, var. alba flore pleno. White-flowering Almond. (D) Erect, slender branches, covered in May with small, very double and fragrant white flowers.

	Each	Doz.
1½ to 2 feet	$0 35	$3 50
2 to 3 feet	50	5 00

var. rosea flore pleno. Pink-flowering Almond. (D) As above, with pink flowers.
2 to 3 feet . . . . . . 50 cts. each, $5 per doz.

Andromeda

Andromeda Mariana. Lily-of-the-Valley Shrub. (D) A neat little plant with bright green leaves, valuable in groups and at the foot of shrubberies. In early spring it is fragrant with small, waxy white flowers.
1 to 1½ feet . . . . . 50 cts. each, $4.50 per doz.

Aralia

Aralia Japonica. Is often used as a shrub. See page 25.

A. pentaphylla. (M) Graceful shrub with thorny branches and pretty shining green foliage; excellent on rocky banks and slopes.
2 to 3 feet . 40c. ea., $3.50 per doz., $25 per 100

A. spinosa. Is often used in shrubbery groups. See page 25.

AZALEAS

Among the most gorgeous and best flowering plants in cultivation. They are useful in all landscape work, and can be employed in bedding or massing, and particularly in connection with Rhododendrons and Kalmias or wherever a natural effect is desired. The native kinds grow well in heavy moist soil; all are partial to shady places. After the flowering season is over, remove the seed-pods to increase the next season's bloom.

Azalea Amoena. The handsome little evergreen variety which is fully described and listed among "Evergreen Shrubs" on page 16.

A. arborescens. Fragrant White Azalea. (M) Flowers white tinged with rose and very fragrant. A good native variety.
75 cts. each, $7.50 per doz.

A. mollis. Chinese Azalea. (D) This little plant bursts out all over with bloom in April or May. The flowers are rather larger than those of some other Azaleas. The bloom shows a multiplicity of colors in shades of red, yellow and white. It is a splendid thing for plantings of all kinds and especially for planting at the front of Rhododendron beds. Our plants have just been imported and are filled with buds that will open and flower abundantly this spring. The stock was raised from seed and includes magnificent flowering plants, but we are not able to distinguish the color before blooming.
1½ to 2 ft., well budded $1 ea., $9 per doz., $60 per 100

Azalea lentifolium Leucanthus. New oriental variety with profusion of small white flowers. Holds its leaves well into the winter.
2 feet, bushy . . . . $1.50 each, $15 per doz.

A. nudiflora. Pinxter Flower, or Wood Honeysuckle. (S) A native fond of moist places, and beautiful in May with pinkish white flowers,
75 cts. each, $7.50 per doz.

A. Pontica. Ghent Azalea. (D) This species is unequaled for brilliancy and variety of color. Although usually hardy, they are finer if given some protection in winter. The habit is very similar to *A. mollis.*

	Each	Doz.	100
15 to 18 in., well budded .	$0 75	$7 00	$50 00
1½ to 2 feet " " .	1 00	9 00	60 00

A. Vaseyi. Southern Azalea. Rosy white flowers.
12 to 18 inches . . . 75 cts. each, $7.50 per doz.

A. viscosa. White Azalea. (S) This sort does well in moist soils, as well as drier ground. It bears fragrant white flowers that are tinged with rose. A native that is valuable for planting in shady places.
50 cts. each, $5 per doz.

BACCHARIS

Baccharis halimifolia. Groundsel Tree, or Salt Bush. (S) Most attractive in the fall or winter when covered with cotton-like seed-vessels, but ornamental at all seasons. Not reliably hardy north of Boston. Fine for sandy soils and well-drained places.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	35	3 50	22 50
4 to 6 feet	60	6 00	30 00

ONE OF OUR BUSHY SHRUBS THAT MAKE IMMEDIATE EFFECT

BERBERIS · THE BARBERRIES

A valuable group of small shrubs, admired for their foliage and brilliant fruits that cling along the leafless branches at a time when few other shrubs are attractive. They can be grown in dry and sandy soils, as well as other places. The dense habit, slender thorny branches and ability to withstand clipping make the Barberries invaluable for low hedges and boundaries. They are much admired for the front of shrubberies, for groups and wherever small shrubs are desired. Plant in Spring or Fall.

Berberis ilicifolia. HOLLY-LEAVED BARBERRY. (S) Resembles a Mahonia in appearance. The attractive, glossy, dark green, prickly foliage remains on well into the winter.

2 to 2½ feet . . . . 75 cts. each, $7.50 per doz.

B. Thunbergii. THUNBERG'S JAPANESE BARBERRY. (D) May. Bears almost inconspicuous creamy white flowers, that ripen into scarlet fruit. The beautiful small green leaves open early in the spring; in autumn they turn a brilliant golden or scarlet hue. One of the most desirable hedging plants.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 00	$15 00
1½ to 2 feet	30	2 50	18 00
2 to 2½ feet	40	3 50	27 50

B. vulgaris. COMMON BARBERRY. (D) May. An erect grower with light green leaves larger than those of *B. Thunbergii.* The small yellow flowers grow into dark red berries.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 50	$18 00
1½ to 2 feet	35	3 50	20 00

var. purpurea. PURPLE BARBERRY. (D) May. Similar in habit to the above, with deep purple foliage that holds its color through the season. It is especially valued for color effects.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 50	$15 00
1½ to 2 feet	35	3 00	18 00

Callicarpa

Callicarpa Japonica. (D) Very similar to the more familiar *C. purpurea* described next below. Perhaps not dependable as far north as it is, but a larger and stronger grower. Equally ornamental when in fruit.

2 to 2½ feet . 40c. each, $4 per doz., $25 per 100

C. purpurea. (D) An attractive bush for shrubbery groups, that is literally covered with purplish violet berries in the autumn.

2 to 2½ feet . 40c. each, $4 per doz., $25 per 100

CALYCANTHUS

Calycanthus floridus. ALLSPICE, or SWEET SHRUB. (M) June. An old-fashioned shrub of strong, upright habit. Grows well in almost any soil, and in shaded or open places. Valuable for its aromatic fragrance and chocolate-colored flowers of a peculiarly agreeable odor. A reliable grower.

	Each	Doz.	100
1½ to 2 feet	$0 20	$2 00	$15 00
2 to 3 feet	35	3 50	22 50
3 to 4 feet	50	4 50	30 00

Caragana

Caragana arborescens. SIBERIAN PEA TREE. (L) May. Bright yellow pea-shaped flowers and graceful pinnate leaves. Well adapted to shrubberies.

	Each	Doz.	100
3 to 4 feet	$0 40	$4 00	$25 00
4 to 5 feet	50	5 00	30 00

Caryopteris

Caryopteris Mastacanthus. BLUE SPIREA. (D) September. A neat little shrub with fragrant blue verbena-like flowers. Valued for the lateness of its bloom. If killed back in winter, new shoots will spring up and flower the first season.

1 foot . . . . 25 cts. each, $2 per doz.

Cercis · Judas, or Red Bud

Very ornamental, low-growing trees that are frequently used in shrubberies or in places where a large shrub is needed. See page 28.

CERCIDIPHYLLUM

Cercidiphyllum Japonica. (L) A shrub or small tree with handsome leathery foliage that is especially ornamental. Turns bright yellow and scarlet in the fall.

6 to 8 feet . . . $1 each, $9 per doz., $60 per 100

Chionanthus

Chionanthus Virginica. WHITE FRINGE TREE. (L) May and June. A large shrub (frequently a small tree) that grows easily and is generally desirable. Has dark green leaves and fragrant drooping open clusters of white flowers, succeeded by small bluish plum-like fruits.

2 to 3 feet . 50c. each, $4.50 per doz., $25 per 100

CLETHRA

Clethra alnifolia. PEPPER BUSH. (D) A desirable native woods shrub of dense growth, producing abundant slender spikes of very fragrant white flowers in midsummer. Valuable for shaded places, and one of the best plants for shrubbery borders, as it flowers so abundantly at a time when little else is in bloom. Include it in all such plantings.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 50	$18 00
1½ to 2 feet	35	3 50	22 50

Colutea

Colutea arborescens. Bladder Senna. (L) June to September. A strong grower, with small foliage and yellow pea-shaped flowers. The curious bronze-colored seed-pods are inflated with air.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 00	$18 00
3 to 4 feet	50	5 00	25 00

Corylus

Corylus Avellana. European Hazelnut. (L) A strong-growing shrub, with large, dark, rough leaves. Edible nuts in early autumn. Valued for shrubbery masses and wild effects.

	Each	Doz.
2 to 3 feet	$0 40	$3 50
3 to 4 feet	50	4 50
5 to 6 feet	75	7 00
6 to 7 feet	1 00	10 00

var. purpurea. Purple Hazelnut. (M) Rich purple leaves that show prominently in contrast with other things. The coloring is permanent throughout the season.

	Each	Doz.	100
1½ to 2 feet	$0 40	$4 00	$30 00
2 to 3 feet	50	5 00	

CORNUS · THE DOGWOODS

Dogwoods are strong growers in almost any soil, and hardy from the warmer parts of Canada outhward. They thrive nearly as well in shaded places as in the open ground. While the bush forms are not remarkable for their flowers, they are especially valued for the brilliant coloring of the bark, which is very attractive in the leafless months of winter. Cornus is particularly suited for mass planting.

Cornus alba, var. Sibirica. Red Siberian Dogwood. (M) A highly desirable erect-growing shrub, with coral-red branches.

	Each	Doz.	100
2 to 3 feet	$0 30	$2 50	$18 00
3 to 4 feet	50	4 50	30 00

C. florida. For description and prices, look among trees, page 29.

C. Gouchaulti. (M) A beautiful golden variegated variety, with brilliant red bark, which produces an unique effect in the shrub border in winter.

	Each	Doz.	100
1½ to 2 feet	$0 30	$2 50	$18 00
2 to 3 feet	40	3 50	22 50

C. glabrata. (M) A shrub from the western coast, with small, green, shining leaves and white fruits.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	

C. Mas; syn., mascula. Cornelian Cherry. (L) April. A large, handsome shrub of dense growth and with glossy foliage. It is very attractive early in the spring with yellow flowers and brilliant in the fall with scarlet fruits.

2 to 3 ft. . 30c, each, $2.50 per doz., $18 per 100

C. paniculata. Panicled, or Gray Dogwood. (L) A strong, hardy, native shrub, that is loaded with clusters of white flowers in May and June, and an abundance of white fruit well on into the winter.

	Each	Doz.	100
2 to 3 feet	$0 30	$2 50	$18 00
3 to 4 feet	40	4 00	25 00

C. sanguinea. (M) May or June. Greenish white flowers, followed in the fall by small black berries. The purple or dark blood-red branches are beautiful in winter.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	22 50
4 to 5 feet	50	4 50	30 00
5 to 6 feet	75	7 00	40 00

C. sericea. Silky Cornel. (M) June and July. Deep red bark and narrow leaves covered with silky down; fruit-clusters a showy light blue; exceedingly handsome in late fall.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	35	3 50	20 00
5 to 6 feet	75	7 00	40 00

C. stolonifera; syn., alba. Red Osier Dogwood. (M) May. Spreading habit, dark red bark and white berries.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	4 00	25 00
4 to 5 feet	50	4 50	30 00

var. aurea. Golden-Twigged Dogwood. (M) Makes a low, open growth, and highly valued for the conspicuous bright yellow bark. Recently introduced, it has proven vigorous and hardy.

2 to 3 feet . 35c. ea., $3.50 per doz., $25 per 100

Cotoneaster

Cotoneaster Simonsi. (D) June. Pretty shrub with small leaves that remain late in the season. Not reliably hardy north of New York. Prized for the pinkish white flowers and bright red fruits.

2 to 3 feet . 35c. ea., $3.50 per doz., $25 per 100

Cydonia

Cydonia Japonica; syn., Pyrus Japonica. Japan Quince. (M) March and April. An old-fashioned shrub with a dazzling array of pink or scarlet flowers. Small thorns; much used for hedges.

1 to 1½ feet . 25c. ea., $2.50 per doz., $15 per 100

Cytisus

Cytisus Laburnum. Golden Chain. (L) Popular with the Germans as "Golden Rain" In early summer it is extremely bright with graceful racemes of wistaria-like golden yellow flowers.

2 to 3 feet . 40c. ea., $3.50 per doz., $25 per 100

DEUTZIAS

A family of profuse-flowering shrubs, generally hardy and well adapted to most soils. Useful for shrubberies, groups or specimens, and the smaller kinds are also desirable for forcing.

Deutzia crenata, var. candidissima. DOUBLE WHITE DEUTZIA. (M) June. A vigorous grower with double, pure white flowers, borne in panicles.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00
4 to 6 feet	60	5 00	40 00

var. rosea plena. DOUBLE PINK DEUTZIA. (M) June. The flowers are tinged with soft pink. Exceedingly dainty and beautiful.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00
4 to 6 feet	60	5 00	40 00

var. Pride of Rochester. (M) Last of May. Equally as robust as the above, with larger panicles of bloom. Double white flowers with under side of petals rose.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00
4 to 6 feet	60	5 00	40 00

var. Watereri. (L) Single, pink, bell-shaped flowers.

	Each	Doz.	100
3 to 4 feet	$0 40	$4 00	$25 00
4 to 5 feet	50	5 00	35 00

var. Wellsi. (M) June. Also from China. Double white flowers tinged with pink.

	Each	Doz.	100
4 to 5 feet	$0 50	$5 00	$35 00
5 to 6 feet	60	6 00	40 00

Deutzia gracilis. DWARF DEUTZIA. (D) May. An old-fashioned, dense shrub; blooms in shaded as well as sunny places. Single, pure white flowers.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 50	$15 00
1½ to 2 feet	35	3 00	20 00

var. ROSEA. (D) May. Single, pure white flowers.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$15 00
2 to 2½ feet	35	3 50	20 00

var. VENUSTA. (D) May. Long spikes of single pure white flowers, that closely resemble those of an azalea.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 50	$15 00
1½ to 2 feet	35	3 50	20 00

D. Lemoinei. LEMOINE'S DEUTZIA. (D) May. A popular bush with snow-white flowers borne abundantly along the slender branches.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$15 00
2 to 3 feet, bushy	35	3 50	22 50

var. COMPACTA. (D) Similar to the above, but of more compact habit.

1½ to 2 ft. . 25c. each, $2.50 per doz., $18 per 100

E. scabra. ROUGH-LEAVED DEUTZIA. (S) June. Clusters of single, white bell-shaped flowers.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00
4 to 5 feet	50	5 00	35 00

DIERVILLA · THE WEIGELAS

An important group, indispensable for ornamental planting. They thrive in any soil, are strong growers and generally hardy. When young of upright habit, growing with age into more graceful shrubs. Useful as specimens, and desirable for groups and masses. In May or June the Weigelas are aglow with a wealth of flowers, borne all along their branches, and some varieties flower sparingly through the summer.

Diervilla floribunda, var. Lavallei. (M) June. Deep crimson flowers that last for a long while; loose, open habit.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
4 to 5 feet	50	5 00	30 00

D. FLORIDA; syn., **ROSEA.** (S) May or June. The first of the Weigelas to be introduced into this country. It is a strong, symmetrical grower, with good foliage; can be used in shaded places, and is generally useful. The profusion of bloom is variable in color. Some flowers are a delicate pink, others rose and some few almost white.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	50	5 00	30 00
4 to 5 feet	60	6 00	35 00

var. amabilis. (S) May or June. The flowers are similar to those of the foregoing. The bush differs from other varieties in the more pronounced drooping of its branches, which are especially graceful when laden with their wealth of bloom.

Diervilla florida amabilis, continued

	Each	Doz.	100
3 to 4 feet	$0 50	$5 00	$30 00
4 to 5 feet	60	6 00	35 00

var. candida. (M) June. Erect and vigorous; an abundant bearer of pure white flowers. Distinct and desirable.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$22 50
3 to 4 feet	50	5 00	30 00

var. Isoline. (M) June. White flowers that turn slightly pink with age.

4 to 5 feet . . . . 75 cts. each, $7 per doz.

var. NANA VARIEGATA. (M) June. The silvery variegated leaves hold their color well. An excellent shrub for color contrast. Bears innumerable pale pink flowers. Desirable.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$22 50
3 to 4 feet	50	4 00	30 00
4 to 5 feet, very bushy	75	7 00	40 00

DEUTZIA LEMOINEI (See page 44)
SPIRÆA ANTHONY WATERER (See page 56)

CARYOPTERIS MASTACANTHUS (See page 42)
FLOWERS OF CORNUS FLORIDA (See page 29)

Diervilla Japonica, var. rubra; syn., **hortensis rubra.** (S) June. Light crimson flowers.

	Each	Doz.	100
3 to 4 feet	$0 40	$3 50	$25 00
4 to 5 feet	60	6 00	35 00

D. sessilifolia; syn., **lutea.** (M) July. A native shrub of strong growth and terminal clusters of yellow flowers; hardy in Canada. Desirable in shrubberies on account of its attractive foliage, which turns a reddish brown.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 00	$20 00
3 to 4 feet	50	4 00	30 00

DIERVILLA HYBRIDS

These flower at the close of May and occasionally through the summer. They bloom as lavishly and grow as vigorously as the parent forms, attaining a height of from 5 to 8 feet.

Abel Carriere. Bright rose-colored flowers. A desirable sort.
3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

Conquete. Pink flowers larger than those of any other kind; fine foliage. New.
3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

Desboisi. Strong grower, with deep rose-colored flowers.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	50	4 50	30 00
4 to 5 feet	75	7 00	40 00

D. Ducharte. Free-flowering, deep dark red.
3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

EVA RATHKE. A popular kind, of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet, heavy . . .	75	7 00	

Gustave Millet. A valuable sort with abundant, deep, rose-colored flowers.
2 to 3 feet . 35 cts. each, $3 per doz., $20 per 100

Hendersoni. Compact habit, pink flowers.

	Each	Doz.	100
3 to 4 feet	$0 50	$5 00	$30 00
4 to 5 feet	60	6 00	35 00

Steltzneri. An abundant display of rosy pink flowers in May, that is often sparingly repeated later in the summer. A standard sort of bushy, vigorous habit.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
4 to 5 feet	60	6 00	35 00

Symondsii. Rose and white flowers beautifully contrasted.

	Each	Doz.
3 to 4 feet	$0 50	$5 00
4 to 5 feet	60	6 00

Van Houttei. Clear carmine flowers; profuse bloomer.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	50	5 00	30 00
4 to 6 feet	60	6 00	35 00

Dira

Dira palustris. LEATHERWOOD. (S) A hardy native, fond of moist places. When alone it makes pretty, little trees, but is splendid for grouping and massing. Has tiny yellow flowers very early in the spring; bound to be attractive.
2 to 3 ft. . 40c. each., $3.50 per doz., $25 per 100

Elæagnus

Elæagnus longipes. JAPANESE OLEASTER. (D) May. Of low growth. Leaves silvery; flowers yellow, hanging in wreaths along the branches and followed by a thick brilliant fruitage of scarlet berries in July, that are edible as well as ornamental.
2 to 3 ft. . 50c. each, $4.50 per doz., $30 per 100

E. parviflora. (L) A tall-growing open shrub with spiny stems. Has long, narrow green leaves that are silvery beneath. Fragrant yellowish white flowers in May, followed by silvery fruits that are pink when ripe.
5 to 6 ft. . 60 cts. each, $6 per doz., $40 per 100

E. umbellata. (M) Somewhat similar to the above, though not so large a shrub. The flowers are yellowish white and fragrant; the fruit scarlet and showy. It ripens later than *E. parviflora.*

	Each	Doz.	100
4 to 5 feet	$0 50	$4 50	$30 00
5 to 6 feet	60	6 00	40 00

Euonymus

A large group of evergreen and deciduous shrubs that show a wide diversity of character. For the evergreen species, see page 17.

Euonymus alatus. CORK-BARKED EUONYMUS. (M) A beautiful shrub, with bright green, glossy leaves that turn a brilliant scarlet in the autumn. The branches are curiously covered with an attractive cork-like bark. Small bright scarlet fruits in the fall.
1 to 1½ feet . . . . . . 75 cts. each, $7 per doz.

E. Americana. STRAWBERRY BUSH. (L) Erect shrub with good foliage. Valued for massing. Most beautiful in autumn when laden with crimson-pink fruits.
2 to 3 ft. . 35c. each, $3.50 per doz., $25 per 100

E. Bungeanus. (M) Principally attractive on account of its rather large, yellowish fruits, which are borne so profusely and remain so long upon the branches.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$20 00
3 to 4 feet	50	5 00	30 00

E. EUROPÆUS. EUROPEAN BURNING BUSH. (L) May. Erect shrub or small tree. Good foliage, and desirable in shrubbery masses. Most attractive in autumn when covered with orange-scarlet seed-vessels.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$20 00
3 to 4 feet	50	4 00	

EXOCHORDA

Exochorda grandiflora. PEARL BUSH. (M) May. A hardy Chinese shrub of rare merit, with slender branches and small leaves. Most beautiful in bloom, when covered with fragrant clusters of pure white, starry flowers that are sometimes an inch in diameter. Admired in all collections and especially adapted for individual planting.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00
4 to 6 feet	60	6 00	40 00

FORSYTHIA · GOLDEN BELL

Familiar hardy shrubs that burst into bloom as winter is leaving. The bright golden yellow, starlike flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season. The "Golden Bells" grow easily, attain a height of 8 feet, and are ornamental in leaf as well as flower. They are useful for almost any purpose, but indispensable in groups and masses.

FORSYTHIA FORTUNEI. FORTUNE'S FORSYTHIA. (M) Erect branches and handsome broad, dark green leaves.

	Each	Doz.	100
3 to 4 feet	$0 40	$4 00	$25 00
4 to 5 feet	50	5 00	35 00
5 to 6 feet	60	6 00	40 00

var. aurea variegata. (M) Golden variegated leaves.

2 to 3 ft. . 40c. each, $3.50 per doz., $20 per 100

F. intermedia. (L) Slender, erect or arching branches, narrower leaves and vigorous grower.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	4 00	25 00
4 to 5 feet	50	5 00	35 00

F. suspensa. (M) Characterized by the graceful drooping habit. Frequently planted by itself and for covering arches and trellises.

	Each	Doz.	100
2 to 3 feet	$0 40	$4 00	$20 00
3 to 4 feet	50	5 00	30 00
4 to 5 feet	60	6 00	40 00

Forsythia VIRIDISSIMA. (M) Erect shoots, spreading branches and bright, glossy green, narrow leaves. This variety, like the others, is most showy in early spring with its golden yellow flowers. The narrow, oblong leaves are pretty and make a handsome foliage display when the plant is not in bloom. Should be in all shrubbery collections.

	Each	Doz.	100
3 to 4 feet	$0 50	$5 00	$30 00
4 to 5 ft., very heavy . .	60	6 00	40 00

var. variegata. (M) Similar to the above, with variegated leaves.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	4 00	
4 to 5 feet	50	5 00	

Hamamelis

Hamamelis Virginica. WITCH-HAZEL. (L) October. A strong-growing shrub in any soil, but succeeds best in moist places. Remarkable for the small, odd yellow flowers that open just as its leaves are brightening with autumn tints. Hardy in Canada. Valuable for massing and wild effects.

3 to 4 feet . . . . . . 50 cts. each, $5 per doz.

Halesia

Silver Bell, or Snowdrop Tree

Halesia diptera. (L) June. A southern variety, not reliably hardy north of Philadelphia, but beautiful when covered with its fragrant white flowers.

	Each	Doz
2 to 3 feet	$0 35	$3 50
4 to 5 feet	50	5 00
5 to 6 feet	75	7 50

H. tetraptera. (L) A large shrub or small tree, with slightly drooping branches that are laden in early spring with fragrant, pure white flowers that resemble snowdrops. It grows in most any good soil and in shaded places. Is generally useful, though not reliably hardy north of New York.

	Each	Doz.
2 to 3 feet	$0 35	$3 50
3 to 4 feet	50	5 00

HIBISCUS SYRIACUS

Althea, or Rose of Sharon

Familiar shrubs, deserving of more popularity than they receive. Altheas will grow almost anywhere from Ontario southward, and their abundance of bloom comes at an almost flowerless time, from July to September. There is a wide diversity of color in the flowers of different varieties, although all of the plants are of the same upright character and grow about 12 feet in height, excepting where noted. They should be used in every shrubbery border, are valuable for specimens, and make beautiful screens and hedges.

Six plants of the same variety will be supplied at the price per dozen, 25 at the price per hundred, 250 at the price per 1,000

Hibiscus folia variegata. (S) One of the best variegated-leaved shrubs, but not conspicuous in flower.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$18 00
2 to 3 feet	35	3 50	22 50
3 to 4 feet	40	4 00	

H. totus albus simplex. (S) Large, single, pure white flowers.

	Each	Doz.	100
1½ to 2 feet	$0 35	$3 50	$25 00
2 to 3 feet	50	5 00	35 00

H. rubus. New. Large, single, ruby-red flowers.
2 to 3 feet . 35 cts. each, $3 per doz., $20 per 100

VARIETIES OF DOUBLE ALTHEAS

Hibiscus alba plena. White, with red center.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 00	$20 00
3 to 4 feet	50	4 00	25 00
4 to 5 feet	60	5 00	30 00

H. amaranthus. Reddish purple.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00

H. amplissima. Rosy red; early bloomer.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	25 00

H. ardens. The familiar purplish blue variety.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	25 00

HIBISCUS SYRIACUS FOR LATE SUMMER AND AUTUMN FLOWERS

Hibiscus, Boule de Feu. Very double red.

	Each	Doz.
2 to 3 feet	$0 35	$3 00
3 to 4 feet	50	4 00

H. carnea plena. Flesh color.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 00	$20 00

H., Comte de Haimont. Delicate pink.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	
4 to 5 feet	60	5 00	

H., Double Rouge. Very double.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	25 00

H., Duc de Brabant. Large, dark rose flowers; free-blooming.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	25 00

H., Duc de Bretegne. Shaded rose, nearly pink; leaves more cut than other sorts.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	25 00

H., Duchesse de Brabant. Similar to Duc de Brabant above; reddish lilac.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	25 00

H. elegantissima. White, shaded with rose.

	Each	Doz.	100
2 to 3 feet	35	3 00	
3 to 4 feet	50	4 00	

H. grandiflora superba. White, to pink and carmine.

	Each	Doz.	100
2 to 3 feet	35	3 00	
3 to 4 feet	50	4 00	
4 to 5 feet	60	5 00	

H., Joan of Arc. Pure white, very double.

	Each	Doz.	100
2 to 3 feet	40	4 00	25 00
3 to 4 feet	50	5 00	35 00
4 to 5 feet	60	6 00	40 00

H., Lady Stanley. White, shaded rose.

	Each	Doz.	100
1½ to 2 feet	25	2 50	15 00
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	

H. Leopoldii plena. White, with pink shadings.

	Each	Doz.	100
2 to 3 feet	35	3 00	

H. monstrosa. Very large, white flowers.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00

H. pæoniflora. White, with cherry-red centers. Floriferous.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	25 00

Hibiscus speciosa. Rosy pink.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 00	$20 00
3 to 4 feet	50	5 00	

H. Van Houttei. Flowers white, with red center.

	Each	Doz.	100
2 to 3 feet	35	3 00	20 00
3 to 4 feet	50	4 00	25 00

OTHER HIBISCUS

We have a large quantity of Altheas that we have grown from seed, which show a wide diversity of color, in shades of purple, white and red. They include single- and double-flowering plants that are useful in groups and mass plantings, besides being just the thing for a hedge.

Other Hibiscus, continued

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$15 00
3 to 4 feet	40	3 50	20 00
4 to 5 feet	50	4 50	30 00

Hippophae

Hippophae rhamnoides. Sea Buckthorn. (M) A hardy shrub that endures exposure, and the unfertile soils of sandy and barren places.

2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

HYDRANGEA

No class of shrubs is better known than the Hydrangeas, because they include some of the most showy flowering plants that are found in cultivation. They grow easily, have no insect enemies, and, with the exception of the Hortensis varieties, are reliably hardy. A crowning feature is that they bloom during the comparatively flowerless months of July and August.

Hydrangea arborescens. (D) June and July. A bushy plant from our native woods, with corymbs of white flowers in June and July. It is the most hardy of Hydrangeas, and particularly desirable for planting in shady places.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$18 00
2 to 3 feet	35	3 50	22 50

H. hortensis, var. Mariesi. (S) This plant has large, handsome green leaves, and, like the other Hortensis or garden varieties of Hydrangeas, it seldom stands more than 10 degrees of frost. Yet their flowers are so large and beautiful that they repay the expense of protection. The flowers of this particular variety are blue.

1½ to 2 feet, heavy clumps . 75 cts. ea., $6 per doz.

var. monstrosa. (S) Recent introduction, larger flowers than the variety Otaksa has, which is mentioned below, and of a more pronounced blue color.

	Each	Doz.
1-yr., 10 to 15 inches	$0 50	$5 00
15 to 18 inches	60	6 00

var. Otaksa. (S) June to August. Most frequently seen in tubs and vases, but does well in somewhat sheltered places. Ornamental foliage and beautiful large pink and blue flowers.

10 to 15 inches . . . . 50 cts. each, $5 per doz.

var. ramis pictis. (S) Our stock was acquired in France, and we find it a desirable variety, with purplish black branches and bluish white flowers.

10 to 15 inches . . . . 50 cts. each, $5 per doz.

var. Thomas Hogg. (S) June to August. Similar in appearance and habit to the above, with huge white flowers.

	Each	Doz.
10 to 15 inches	$0 50	$5 00
15 to 20 inches	75	6 00

H. paniculata. (M) August and September. This shrub is increasing in popularity because it is a strong grower; hardy; has handsome foliage and good bushy habit. The panicles of white bloom are more open than those of the Grandiflora. Can be used by itself or in borders. A splendid plant for almost any purpose.

Hydrangea paniculata, continued

	Each	Doz.	100
2 to 3 feet	$0 35	$3 00	$20 00
3 to 4 feet	50	4 50	30 00
4 to 5 feet	75	6 00	

var. grandiflora. Great-panicled Hydrangea. (M) From July to September there is no shrub more showy than this favorite Hydrangea, whose branches are bent beneath the weight of the huge white flower-clusters. The illustration on page 51 shows it in the beauty of full bloom, and as the season advances the panicles fade into tints of pink and red. A vigorous grower

HYDRANGEA PANICULATA

Hydrangea paniculata grandiflora, continued

in nearly all soils and hardy in most parts of the United States and Canada. Should be in all collections; valuable as a specimen and useful for grouping by itself.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 00	$15 00
2 to 3 feet	35	3 00	20 00
3 to 4 feet, bushy	50	4 50	30 00
4 to 5 feet, bushy	75	6 00	

H., Tree-shaped. We have trained some of these shrubs into tree form, as they make splendid specimens when covered with their immense flower-panicles.

4 to 5 feet . . . . . . 75 cts. each, $7 per doz.

H. quercifolia. OAK-LEAVED HYDRANGEA. (D) August. Purplish white flowers borne in panicles. Especially admired for the large, handsome foliage, shaped like an oak-leaf, that in the fall turns a conspicuous bronzy purple and lends a contrast to the dying shades of other leaves. Requires protection north of New York.

1½ to 2 feet . . . . 75 cts. each, $6 per doz.

Hypericum · St. John's Wort

Hypericum aureum. (D) July to September. A stiff, dense shrub that bears abundant yellow flowers at a time when little else is blooming. Hardy as far north as Massachusetts; grows well in moist, stony ground and shaded places. A small plant, useful at the front of shrubbery borders.

	Each	Doz.	100
1 to 2 feet	$0 25	$2 50	$18 00
2 to 3 feet	35	3 00	22 50

H. MOSERIANUM. GOLD FLOWER. (VD) June until frost. A low creeping plant, with bright green leaves that make a pretty setting for the golden yellow flowers that continue so long in bloom. Requires protection north of Philadelphia in winter. Desirable as a covering to the bare ground between plants in a bed of evergreens or shrubs, and much used in other places.

1 to 1½ ft. . 25c. each, $2.25 per doz., $15 per 100

Ilex

Ilex verticillata. BLACK ALDER, or WINTERBERRY. (S) A very hardy native shrub, with attractive foliage and habit. Most ornamental in autumn and winter when covered with brilliant red berries.

	Each	Doz.	100
1½ to 2 feet	$0 40	$3 50	$20 00
2 to 2½ feet	50	4 50	

Itea

Itea Virginica. VIRGINIAN WILLOW. (S) A splendid thing for natural planting in moist places. Racemes of fragrant white flowers in June. Rich crimson foliage in the autumn.

	Each	Doz.	100
1½ to 2 feet	$0 40	$3 50	$25 00
2 to 3 feet	50	4 50	

Jasminum

Jasminum nudiflorum. YELLOW JASMINE. (S) February or March. Hardy only in sheltered places north of Philadelphia; admired for its yellow flowers in the first warm days of spring.

1½ to 2 ft. . 35 cts. each, $3 per doz., $20 per 100

J. officinale. JESSAMINE. Not quite so hardy as the former, but is popular in the South, where its fragrant white flowers blossom in summer.

1½ to 2 feet . 35 cts. each, $3 per doz., $20 per 100

KERRIA, or CORCHORUS

Shrubs with tender, bright green branches that are ornamental even when divested of leaves. They grow in almost any soil, and do well in open or shaded places. Kerrias are frequently killed north of New York. All the varieties have attractive foliage, grow from 4 to 6 feet in height, and are invaluable at the front of shrubberies or in groups by themselves. Orange-yellow flowers are borne abundantly in May and sparingly through the summer.

Kerria Japonica (simplex). Parent form with single flowers. Very floriferous.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$18 00
2 to 3 feet	35	3 00	
3 to 3½ ft., heavy clumps	50	5 00	

var. argentea variegata. A desirable silvery variegated form, useful for contrasts.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 50	$18 00
2 to 3 feet	35	3 00	22 50

var. aurea variegata. This form has golden variegated leaves.

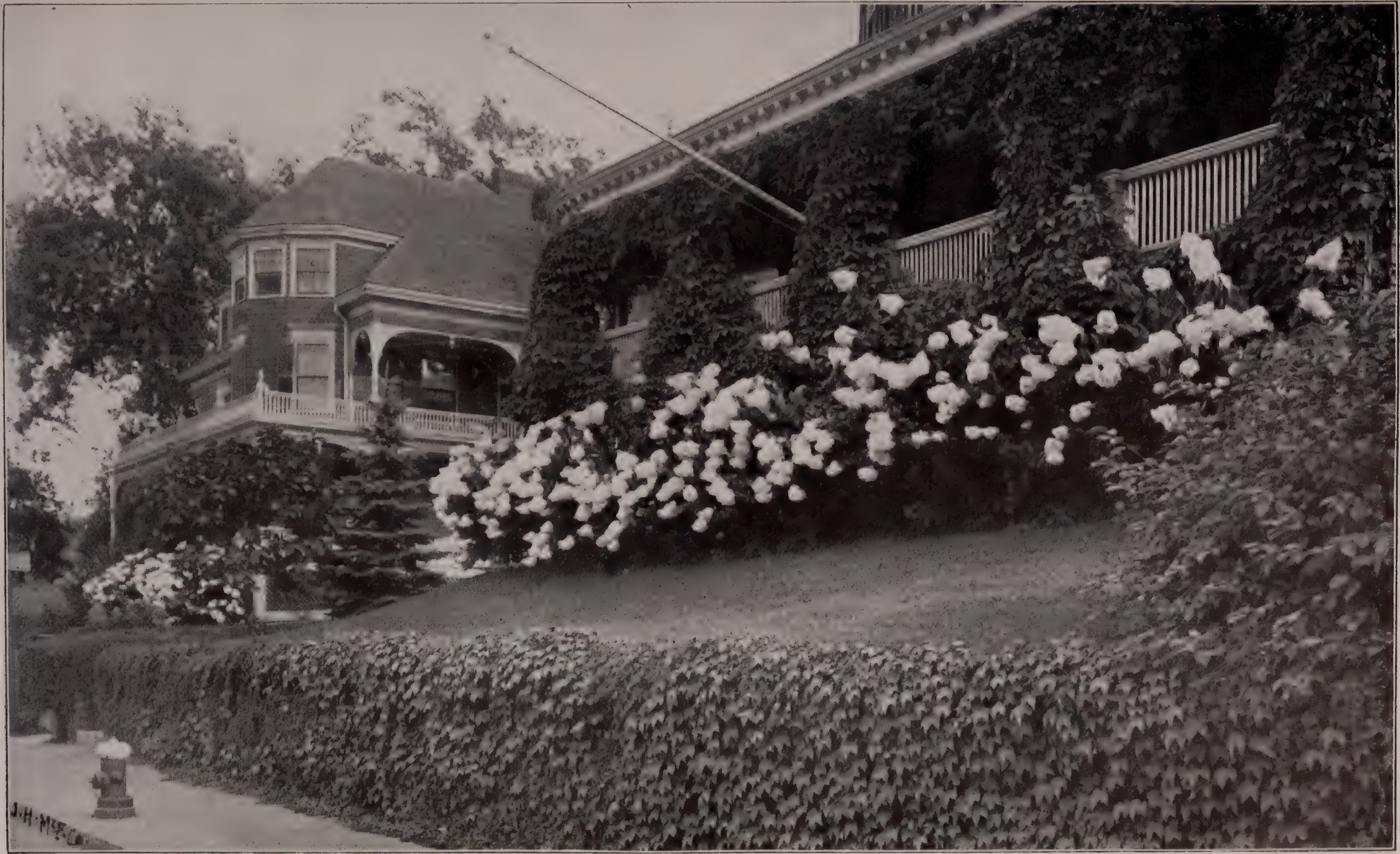
3 to 3½ ft., heavy clumps . 50c. each, $5 per doz.

var. flore pleno. GLOBE FLOWER. Similar to *K. Japonica* in appearance, with double rosette-like flowers.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$18 00
2 to 3 feet	35	3 00	22 50

Ligustrum · Privet

A group of ornamental shrubs, including, besides the familiar California Privet, some most desirable plants. The Privets are not particular as to soils, and they grow rapidly in open places or beneath the shade of trees. In shrubbery borders and masses their good qualities can be appreciated as well as in the hedges by which they are best known. They are seldom attacked by insects; withstand shearing and can be kept at any height or clipped into artificial forms.



Planting of Hydrangea paniculata grandiflora at the base of a porch. Virginia Creeper on porch, Ampelopsis Veitchi on wall, and Colorado Blue Spruce on lawn

Ligustrum Amurense. Amoor Privet. (L) Considered more hardy than the California Privet. Makes a good hedge and is desirable; has light green leaves that are half evergreen.

2 to 3 ft. . 25c. ea., $2.50 per doz., $18 per 100

L. ciliatum; syn., medium. (M) Spreading habit. One of the hardiest kinds. Drops its leaves early, revealing an abundance of black berries.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$15 00
3 to 4 feet, very heavy .	35	3 50	22 50

L. Ibota. (M) June and July. Arching habit, narrow leaves and fragrant white flower-clusters. This is believed to be the most hardy variety, and can be grown throughout New York state. Valuable for shrubberies and for hedges.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$15 00
2 to 3 feet	30	3 00	18 00
3 to 4 feet	40	3 50	25 00

var. Regelianum. (S) A dense shrub with twiggy branches that droop gracefully at their tips. The leaves are attractive with their autumnal hues and hide the black berries that show when the leaves have gone.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$18 00
2 to 3 feet	35	3 50	22 50
3 to 4 feet	50	4 00	30 00

L. ovalifolium. CALIFORNIA PRIVET. (L) Widely known as a hedging plant; it is a vigorous grower anywhere, endures the unnatural conditions of cities, and is one of the best shrubs for seaside planting. The half-evergreen, glossy foliage and pure white flowers in July make it an ornamental shrub that is generally useful. Not reliably hardy north of Boston. See also hedging plants and illustration, page 70.

Ligustrum ovalifolium, continued

	Each	Doz.	100	1,000
1½ to 2 feet . . .	$0 25	$2 50	$6 00	$25 00
2 to 3 feet . . .	35	3 50	7 00	45 00
3 to 4 feet . . .	50	4 50	12 00	70 00
4 to 5 feet, very bushy	75	6 00	20 00	120 00

L., STANDARD or TREE PRIVET. (L) We have trimmed a large number of California Privet into little trees with round, ball-like heads, and find them in demand as a tub plant for terrace, porch and hall decoration. They closely resemble the familiar bay tree and are much less expensive.

4 to 5 feet . 75 cts. each, $6 per doz., $40 per 100

var. aurea variegata. (M) An unique form of the preceding that is valued principally on account of the conspicuous variegated foliage that makes it useful for color contrasts in shrubbery plantings.

	Each	Doz.	100
1½ to 2 feet	$0 35	$3 00	20 00
2 to 3 feet	50	5 00	30 00

L. Sinense. Chinese Privet. (M) July. A graceful, slender shrub with small leaves, and much admired for the profusion of its fragrant spike-like flowers, that are succeeded by ornamental fruits. Not reliably hardy north of New York City, but valuable as a specimen or for shrubberies.

4 to 5 feet . 40c. ea., $3.50 per doz., $25 per 100

The picture illustrates a block of our California Privet. We have seventy thousand of these in one-, two- and three-year-old sizes. The plants are unusually strong and bushy. They are low-branched and quickly make splendid thick hedges. For fuller particulars and prices look above, and also on page 71.

Six plants of the same variety will be supplied at the price per dozen, 25 at the price per 100 and 250 at the price per 1,000

Lonicera · Honeysuckle

A varied genus that includes vines and shrubs. For the vines, see page 66. The bush varieties are in demand for shrubbery groups and borders. They are hardy and grow easily. Their fragrant flowers are admired in spring, but another attraction is the brilliant fruit that follows in the summer and fall:

Lonicera bella albida. (M) Bears profusion of white flowers followed by scarlet fruits that hang on a long while and make a grand showing.

	Each	Doz.	100
3 to 4 feet	$0 40	$4 00	$25 00
4 to 5 feet	60	5 50	35 00

L. fragrantissima. (M) April. Small creamy white flowers of delightful fragrance, borne in profusion. The deep green foliage is retained until winter. Makes a handsome specimen.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet	50	4 50	35 00
4 to 5 feet	60	5 50	

L. Morrowi. JAPANESE HONEYSUCKLE. (M) May. An open bush with crooked branches, dark green leaves and small white flowers. The red fruit is especially ornamental and lasts a long while.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet	50	5 00	35 00
4 to 5 feet	60	5 50	40 00

L. TATARICA (rubra). TARTARIAN HONEYSUCKLE. (S) May. A useful old-fashioned shrub, with slender, upright branches. Small, fragrant, pink, crimson or blush flowers, followed by attractive red or orange-yellow berries.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$15 00
2 to 3 feet	35	3 00	18 00

L. Tatarica, var. alba. (L) Only the white flowers distinguish it from the above, with which it makes a pleasing contrast.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$15 00
2 to 3 feet	35	3 50	20 00
3 to 4 feet	50	4 50	25 00

var. grandiflora. (S) May. Of vigorous growth and larger foliage. Pink flowers striped with white; berries equally attractive.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$20 00
3 to 4 feet	50	4 50	25 00

Lonicera xylosteum. FLY HONEYSUCKLE. (M) May. This is a shapely, erect-growing bush, with light gray hairy branches. The leaves are different from most shrubs in that the upper surface is dull green and the under surface a silvery gray. Tiny yellowish white fragrant flowers. The shapely habit makes this a fine shrub for individual planting, though equally good for massing.

	Each	Doz.	100
2 to 3 feet	$0 30	$3 00	$20 00
3 to 4 feet	40	4 00	30 00
4 to 5 feet	50	4 50	

Myrica

Myrica cerifera. WAX MYRTLE. (M) Partially evergreen; fragrant foliage that looks somewhat like the leaf of the Japanese Magnolia. Reddish flowers in May, succeeded by white, waxen berries. Splendid for seashore planting.

2 to 3 feet . . . . . . 50 cts. each, $5 per doz.

LONICERA MORROWI

PHILADELPHUS · Mock Orange, or Syringa

Indispensable well-known shrubs that are prized for their beautiful foliage and white flowers. The taller kinds flower profusely, and nothing is finer in their season; while the dwarf varieties do not bloom so lavishly, they form pretty compact bushes, useful for the front of shrubberies.

Philadelphus Billardi. (S) June. Blooms a week or two later than the other kinds. Is desirable for extending the season.

2 to 3 feet . 35c. ea., $3.50 per doz., $22.50 per 100

P. CORDIFOLIUS. (M) June. Adapted to drier soils; attractive heart-shaped leaves. A handsome strong-growing variety.

	Each	Doz.	100
3 to 4 feet	$0 40	$4 00	
4 to 5 feet, bushy . . .	50	5 00	$35 00
5 to 6 feet, very bushy .	75	6 00	40 00

P. coronarius. GARLAND MOCK ORANGE. (S) May. A vigorous, hardy old favorite of erect, compact habit. Fragrant early white flowers.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$18 00
2 to 2½ feet	35	3 00	22 50

var. foliis aureis. GOLDEN MOCK ORANGE. (S)

	Each	Doz.	100
1 to 1½ feet	$0 35	$3 00	$20 00
1½ to 2 feet	50	4 50	30 00

Philadelphus deutzia flore pleno. (D) June. Double flowers.

	Each	Doz.	100
1 to 1½ feet	$0 35	$3 00	$20 00
1½ to 2 feet	50	4 50	30 00

P. GRANDIFLORUS. (M) May and June. Forms a large spreading bush, with graceful, drooping branches; a strong grower; flowers slightly fragrant. A common and desirable shrub.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00
4 to 6 feet, very bushy .	60	5 00	35 00

P. INODORUS. **Scentless Mock Orange.** (M) June. In habit, vigor and appearance this bush resembles the above. The profusion of bloom is scentless.

	Each	Doz.	100
3 to 4 feet	$0 40	$3 50	$25 00
4 to 5 feet	50	5 00	35 00

P. Ketelerii. A variety that we secured in France. Valued for its fragrant white flowers.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00

P. laxus. (L) Very large fragrant white flowers and a strong grower.

3 to 4 feet . 50 cts. each, $5 per doz., $30 per 100

P. Lemoinei, var. Mont Blanc. (S) June. Upright growth; small leaves and fragrant flowers. Free bloomer. Not so well known as older kinds, but one of the best sorts.

	Each	Doz.	100
1½ to 2 feet	$0 25	2 50	$18 00
2 to 3 feet	35	3 50	25 00

FLOWERS OF PHILADELPHUS, or MOCK ORANGE

Philadelphus Nepalensis. (M) June. Flowers resemble those of *P. grandiflora*, and the leaves are slightly tinted with yellow.

	Each	Doz.
2 to 3 feet	$0 25	$2 50
3 to 4 feet	40	3 50

P. NIVALIS. (S) June. One of the best varieties with small white flowers of exceptional purity. It makes a handsome erect bush.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00
5 to 6 feet	60	5 00	35 00

P. pubescens. (L) June. Large, handsome leaves and scentless flowers.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	50	5 00	30 00

P. Zeyheri. (S) June. A showy southern variety of spreading, graceful habit; slightly fragrant flowers borne in great profusion.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet	50	5 00	30 00

Potentilla

Potentilla fruticosa. SHRUBBY CINQUEFOIL. (D) All summer its low spreading branches are bright with yellow flowers and narrow, fuzzy leaves. Grows in dry or wet soils and stony places.

1 to 1½ feet . . . . 50 cts. each, $4.50 per doz.

Prunus

Prunus Pissardi. PURPLE-LEAVED PLUM. (D) A little tree with dark purple leaves that keep their lustrous coloring even through the summer and fall. Small pinkish white flowers cover it in spring. It is unique in its coloring and one of the very best things for color contrasts, in open or mass planting.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$30 00
5 to 6 feet	1 00	10 00	60 00

P. triloba. DOUBLE-FLOWERING PLUM. (D) May. A strong-growing, hardy shrub, with delicate pink, double flowers and slender branches. Ornamental.

2 to 3 feet . . . . . 50 cts. each, $4.50 per doz.

Ptelea · Hop Tree

Large shrubs or small trees, with bright shining leaves and clusters of white flowers in June, that are succeeded by an abundance of seed-vessels that hang on for a long time. Quite hardy; grows easily. Ornamental as a specimen or in connection with other plants.

Ptelea trifoliata. (L) Green leaves.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$30 00
6 to 8 feet	1 00	9 00	50 00

var. aurea. GOLDEN HOP TREE. (L) The bright golden leaves distinguish it from the above.

	Each	Doz.	100
3 to 4 feet	$0 50	$4 50	$30 00
4 to 5 feet	75	7 00	40 00

PYRUS

Pyrus arbutifolia. CHOKE BERRY. (L) A tall shrub that is covered in May with clusters of small white flowers, that are succeeded in August by bright red berries which remain well into winter. The foliage is much the same as an apple leaf and turns bright crimson in autumn. A desirable shrub for mass and open planting.

3 to 4 ft. . 40c. each, $3.50 per doz., $25 per 100

RHAMNUS

Rhamnus Caroliniana. INDIAN CHERRY. (L) Large shrub or small tree, with dark green leathery leaves. Small, white flowers. Red fruits that turn to black as they ripen. Good for public grounds and city places.

3 to 4 ft. . 40c. each, $3.50 per doz , $20 per 100

R. catharticus. BUCKTHORN. (M) A stiff, twiggy shrub with white flowers in June and July, succeeded by black berries. Splendid for massing in parks and public grounds.

	Each	Doz.	100
4 to 5 feet	$0 50	$4 50	$25 00
5 to 6 feet	60	5 50	35 00
6 to 7 feet	75	6 00	40 00

R. Frangula. (L) Botanical differences distinguish it from the above. Valued for much the same purpose.

3 to 4 feet . . . . . 40 cts. each, $3.50 per doz.

RHODOTYPUS

Rhodotypus kerrioides. WHITE KERRIA. (D) A highly desirable shrub for almost any purpose; growing in all soils and succeeding as far north as Massachusetts. Resembles the Kerria in leaf and appearance. The graceful branches bear single white flowers in May and sparingly through the summer. Black berries in the fall.

1½ to 2 feet . 25c. ea., $2.50 per doz., $15 per 100

Rhus · Sumac and Mist Tree

The old-fashioned Mist Tree, or Smoke Bush (*R. Cotinus*) is familiar on many old-time lawns. The Sumacs, on the other hand, have unfortunately not been much used in landscape work. Any one familiar with their beautiful fern-like foliage and gorgeous autumn colors can appreciate what splendid subjects they are for mass and natural plantings. They grow easily and rapidly under almost any conditions.

R. aromatica. FRAGRANT SUMAC. (M) Small yellow flowers, on dense spikes, appear before the leaves. Red fruits follow and in the autumn gorgeous crimson foliage. Spreading habit, grows in poor soil and barren places.

	Each	Doz.
2 to 3 feet	$0 35	$3 00
3 to 4 feet	50	4 50

Rhus Cotinus. MIST, or SMOKE TREE. (L) A favorite old-fashioned shrub that is reliable almost anywhere. In midsummer its curious feathery flowers envelop the plant in a purplish mist. The leaves are rich, with shades of red and brown in autumn.

	Each	Doz	100
2 to 3 feet	$0 35	$3 00	$20 00
3 to 4 feet	50	5 00	
4 to 5 feet	75	6 00	

R. glabra, var. laciniata. CUT-LEAVED SUMAC. (M) Finely cut leaves of beautiful fern-like appearance. Big panicles of crimson fruits in the summer. Like the other Sumac, it is remarkable for its autumn coloring. Hardy and grows almost anywhere.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 50	$18 00
1½ to 2 feet	35	3 50	25 00
2 to 3 feet	50	4 50	

R. typhina, var. laciniata. CUT-LEAVED STAGHORN SUMAC. (L) A tall-growing, hairy species, that is invaluable for dry, barren and rocky places. This variety also has beautiful cut leaves and brilliant fall colors that persist a little longer than the other kinds do. Splendid for mass effects.

3 to 4 feet . 50c. ea., $4.50 per doz., $30 per 100

Ribes · Flowering Currants

Prized for their wealth of fragrant, small bright flowers in early spring, and for their hardiness. Erect-growing shrubs, with leaves resembling the common currant. Much used in shrubberies.

Ribes aureum. MISSOURI GOLDEN, or BUFFALO CURRANT. (D) Showy, fragrant, yellow flowers in May. Bright autumn foliage. A strong, hardy native.

2 to 3 feet . 35c. ea., $3.50 per doz., $20 per 100

R. Gordonianum. GORDON'S CURRANT. (D) Abundant yellow and crimson flowers on drooping clusters in May. A hybrid between *R. aureum* and *R. sanguineum.*

2 to 3 ft. . 35c. each, $3.50 per doz., $25 per 100

R. sanguineum. RED-FLOWERED CURRANT. (D) Profusely covered with rose-colored flowers early in the spring.

2 to 3 ft. . 35c. each, $3.50 per doz., $25 per 100

Roses

The Bush Roses, described on page 63, are frequently used in shrubbery groups and borders, and always show to advantage in such collections.

Rubus

Rubus odoratus. FLOWERING RASPBERRY. (M) A strong, hardy, native shrub that is highly valued for wild and mass plantings. Also for bank and steep terraces, where it takes root and spreads rapidly. Endures shaded places. Large leaves and rosy purple flowers lasting for a long while in summer.

	Each	Doz.
2 to 3 feet	$0 35	$3 00
4 to 6 feet	50	4 50

Sambucus · Elder

Shrubs of strong growth and easy cultivation, that are ornamental in flower, fruit and foliage. Excellent for masses; desirable for wild effects and valuable for shaded places.

Sambucus Canadensis. COMMON ELDER. (M) June. White flowers in flat cymes, that ripen into clusters of edible black berries in July and August.

	Each	Doz.	100
3 to 4 feet	$0 35	$3 50	$20 00
4 to 6 feet	50	4 50	30 00

S. NIGRA, var. AUREA. Golden Elder. (S) May. The bright golden yellow leaves are most attractive throughout the season, and give a tone of contrast in all plantings.

Sambucus nigra, var. aurea, continued

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	3 50	25 00

var. laciniata. CUT-LEAVED ELDER. (M) Handsome foliage, and one of the best shrubs.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$20 00
3 to 4 feet	50	4 50	30 00

var. variegata. VARIEGATED ELDER. (M) May. The mottled green and pale yellow or white leaves are its distinguishing features.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 00	$20 00
3 to 4 feet	50	5 00	25 00

S. racemosa, var. plumosa aurea. (M) Similar in habit to *S. racemosa*, but differs in its bright, golden, fern-like foliage.

2 to 3 feet . . . . . 40 cts. each, $3.50 per doz.

SPIRÆA

Indispensable shrubs of easy culture that differ so in size, character and time of bloom that there are varieties suited to almost every purpose.

Spiræa arguta. (D) Early May. Equally desirable and possibly more vigorous than *S. Thunbergii*, which it very closely resembles in flower, habit and appearance.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet	50	5 00	30 00

S. Billardi. (M) June to September. Sparsely twigged; erect branches, crowned with narrow, dense spikes of bright pink flowers. A strong grower, useful in shrubberies.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$22 50
3 to 4 feet	50	4 50	30 00

var. alba. (S) July to September. A white-flowering form of the above, that seems equally desirable.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 00	$22 50
3 to 4 feet	50	4 50	30 00

S. BUMALDA. (D) June until frost. A bushy plant with good foliage, vigorous habit and abundant rosy pink, flat flower-heads. Desirable as an edging to shrubberies.

	Each	Doz.	100
1½ to 2 feet	$0 35	$3 50	$22 50
2 to 2½ feet, very bushy .	50	4 50	30 00

var. ANTHONY WATERER. (D) June until frost. One of the most popular shrubs, possessing the characteristics and robust habit of the parent form, but with crimson flower-heads of a richer, brighter hue. Good foliage, frequently splashed with odd though pretty yellowish white markings. A beautiful edging and desirable plant at the front of shrubberies or wherever a low bush is desired.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 50	$15 00
1½ to 2 feet	35	3 00	20 00
2 to 2½ feet, bushy . . .	50	4 00	25 00

S. callosa. FORTUNE'S SPIREA. (D) All summer. A dense shrub with pale, bluish green leaves and flat pink flower-clusters.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet	50	4 50	

Spiræa callosa, var. alba. (D) All summer. A white form of the preceding, that is showy and desirable.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$18 00
2 to 3 feet	40	3 50	

var. rosea superba. (D) All summer. The bright, light rose-colored flowers alone distinguish it from the foregoing.

	Each	Doz.	100
1½ to 2 feet	$0 35	$3 50	$22 50
2 to 2½ feet	50	4 00	

S. Douglasi. DOUGLAS' SPIREA. (S) Spikes of deep rose-colored flowers in July and August.

2 to 3 feet . 35c. ea., $3.50 per doz., $22.50 per 100

S. OPULIFOLIA; syn., **Physocarpus opulifolia.** It is familiarly known as Ninebark. A large, vigorous-growing shrub that bears an abundance of fragrant, flat clusters of white flowers in June, after the majority of early-flowering shrubs have dropped their blossoms. It grows rapidly in any soil and is a favorite for the shrubbery border or as an individual specimen in either open or shaded places.

	Each	Doz.	100
3 to 4 feet, bushy . . .	$0 40	$4 00	$30 00
5 to 6 feet, bushy . . .	50	5 00	35 00
6 to 7 feet, very bushy .	75	7 00	40 00

var. AUREA. (M) June. Resembles the preceding, but more conspicuous in spring with its bright golden leaves that darken somewhat as the season advances. White flowers. Valuable for color contrasts and desirable anywhere.

	Each	Doz.	100
2 to 3 feet, bushy . . .	$0 25	$2 50	$20 00
3 to 4 feet, bushy . . .	35	3 50	25 00
4 to 5 feet, very bushy .	50	4 50	35 00
5 to 6 feet, very bushy .	75	7 00	40 00

S. prunifolia flore pleno. BRIDAL WREATH. (M) Early May. A hardy old-fashioned shrub that is still popular. As the leaves are opening snow-white, double flowers wrap themselves along the branches in a lavish display of bloom. The little

Spiræa prunifolia flore pleno, continued

glossy green leaves color brilliantly in autumn. Makes an elegant hedge and is useful anywhere.

	Each	Doz.	100
2 to 3 feet	$0 30	$3 00	$20 00
3 to 4 feet	35	3 50	25 00

S. Reevesiana. (M) Last of May. Attractive foliage and beautiful clusters of pure white florets which bend the branches gracefully and cover them completely. Tender north of Boston. Serves almost any purpose.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$20 00
3 to 4 feet	50	5 00	30 00

var. flore pleno. (D) Similar to the above in every way excepting the flowers, which in this case are very double.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$22 50
3 to 4 feet	50	4 50	27 50

S. rotundifolia. (M) June. Distinct and hardy, with white flowers and roundish leaves, remaining fresh until late in the fall.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet	50	4 50	

S. salicifolia, var. alba. (S) Character and habit as above, with pretty white flowers. Rare in cultivation.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$17 50
3 to 4 feet	40	4 00	25 00

S. semperflorens. (D) July to September. An uncommon variety, with pink flowers. A continuous bloomer.

2 to 3 feet . 35 cts. each, $3 per doz., $18 per 100

S. Thunbergii. Thunberg's Spirea. (D) April and May. A graceful shrub, beautiful at all seasons, with innumerable small white flowers that crowd along its slender branches, and shine as snow through the light green feathery foliage. The tiny leaves turn a brilliant orange-scarlet in the autumn. It grows well at the seaside, in moist soils and drier places, but is only partially hardy in our coldest states.

	Each	Doz.	100
1½ to 2 feet	$0 30	$3 00	$20 00
2 to 3 feet	40	3 50	25 00

S. tomentosa. Hardhack. (D) July to September. Flowers in deep pink panicles. Hardy to Nova Scotia. Valued for low places and wild effects.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$20 00
2 to 3 feet	40	3 50	25 00

S. Van Houttei. (M) May. Among the very finest of flowering shrubs. A strong, hardy grower of graceful, drooping habit, with handsome foliage. The profusion of bloom weighs the slender branches and covers the bush with a beautiful canopy of white. Desirable from any standpoint.

	Each	Doz.	100
2 to 3 feet	$0 35	$3 50	$22 50
3 to 4 feet	50	4 50	30 00

Staphylea

Staphylea colchica. Bladder Nut. (M) May. An upright shrub that is not hardy north of Massachusetts, but is much admired for its fragrant white flower-clusters.

	Each	Doz.	100
1½ to 2 feet	$0 35	$3 00	$20 00
3 to 4 feet	50	4 50	27 50

STEPHANANDRA

Stephanandra flexuosa. (D) A thick shrub, with graceful branches and handsome small foliage that is almost as delicate as a fern, and turns a bronze-red in late summer and autumn. In June, small, inconspicuous fragrant flowers are up and down the branches. Grows easily, and is adapted to rocky places and shrubbery borders.

	Each	Doz.	100
3 to 4 feet, very bushy .	$0 40	$4 00	$30 00
4 to 5 feet, very bushy .	50	5 00	35 00

Styrax

Styrax Japonica. (L) A large shrub or small tree. It is a valuable subject in landscape work because an easy grower that is not very particular about the soil it grows in. The twigs are slender, and in June and July carry multitudes of white flowers in pendulous racemes of sweet fragrance. The leaves are oblong in shape, 2 to 3 inches in length and a bright glossy green in color. A splendid shrub for individual, cluster or mass planting.

	Each	Doz.	100
2 to 3 feet	$0 50	$5 00	$40 00
3 to 4 feet	75	7 50	50 00
4 to 5 feet	1 00	10 00	
5 to 6 feet	1 50		

SPIRÆA REEVESIANA AT GLENWOOD

Six plants of the same variety will be supplied at the price per dozen, 25 at the price per 100, and 250 at the price per 1,000

Syringa · The Lilacs

"The Lilac among shrubs is like the Maple among trees, the most common and indispensable." In many country dooryards the neglected Lilacs continue to bloom with a fragrance and beauty that is surpassed by no other shrub. With the revival of old-fashioned gardens, their popularity is increasing; no shrubbery mass is complete without them. They are hardy, robust plants that do well and flower abundantly with little care. The large collection we offer embraces tall- and low-growing shrubs, kinds that will give a succession of bloom for several weeks.

Syringa Chinensis; syn., **Rothomagensis.** ROUEN LILAC. (M) May. A hybrid variety of merit. Has arching branches and large, loose reddish purple flower-plumes that are variable in color. The narrow leaves differ from other Lilacs.

2 to 3 feet . . . . . 50 cts. each, $4.50 per doz.

S. Japonica. (L) June. A tree-like form, with glossy leathery leaves. It is quite hardy, and the yellowish white flowers come after other Lilacs are through blooming.

2 to 3 feet . 40 cts. each, $4 per doz., $25 per 100

S. Josikæa. CHIONANTHUS-LEAVED LILAC. (M) Late in May. A distinct type of tall growth, with dark green leaves. The deep purple buds, arranged in loose panicles, open into light violet-colored flowers.

2 to 3 feet . 50c. ea., $4.50 per doz., $30 per 100

S. Pekinensis. (L) June. The narrow leaves are held on the slender spreading branches late in the fall. Excellent habit, beautiful, with its panicles of yellowish white flowers.

	Each	Doz.
5 to 6 feet	$0 75	$6 00
6 to 7 feet	1 00	9 00

Syringa Pekinensis, continued

SYRINGA FRAU DAMMANN

S. Persica, var. alba. WHITE PERSIAN LILAC. (M) May. A profusely blooming shrub with slender, arching branches and small, narrow leaves. Its delicate white flowers, frequently tinted, are borne in loose, open panicles and are very desirable.

1½ to 2 feet . 35c. ea., $3.50 per doz., $20 per 100

S. villosa. (L) A distinct type with late rosy pink flowers in large panicles. The foliage resembles that of the Chionanthus (White Fringe), and the plant is very bushy.

2½ to 3 feet . . . . . 50 cts. each, $4.50 per doz.

S. vulgaris. COMMON LILAC. (M) May. The well-known old-fashioned Lilac so often seen in gardens. It is hardy and vigorous; endures neglect and blooms abundantly. The medium large panicles of bluish purple flowers are very attractive and useful for house decorations.

	Each	Doz.	100
1½ to 2 ft.	$0 35	$3 50	$20 00
3 to 4 ft.	40	4 00	30 00
4 to 5 ft., bushy .	50	5 00	

var. alba. COMMON WHITE LILAC. (M) May. Its general character is similar to the above. Flowers white.

	Each	Doz.	100
1½ to 2 ft.	$0 35	$3 50	$22 50
2 to 3 ft.	45	4 00	

VARIETIES OF SYRINGA VULGARIS

These flower abundantly, and their sweet fragrance scents the air about the second week in May. They grow to be 6 to 8 feet in height.

Abel Carriere. Large, double, pale blue flowers, the under side of the petals a fine rose-color.

	Each	Doz.
2 to 3 feet . . .	$0 50	$5 00
3 to 4 feet . . .	1 00	9 00

Varieties of Syringa vulgaris, continued

Alphonse Lavalle. Large panicles of large double violet-blue flowers.

2 to 3 feet . . . . . 75 cts. each, $7.50 per doz.

Belle de Nancy. Double white flowers that are tinged with purple.

2 to 3 feet . . . . . . 50 cts. each, $5 per doz.

Insignis rubra. The buds are dark red, and open into rosy purple flowers. Among the best.

	Each	Doz.
2 to 3 feet	$0 50	$5 00
3 to 4 feet	75	7 00

Madam Abel Chatenay. Pure white flowers in compact panicles.

	Each	Doz.
2 to 3 feet	$0 75	$7 00
3 to 4 feet	1 00	9 00

Marie Legraye. A small bush, and a good variety for forcing. The panicles of single white flowers are especially fine and fragrant.

2 to 3 feet . . . . 50 cts. each, $5 per doz.

Mme. Casimir Perier. Large, handsome foliage and very fragrant, semi-double pure white flowers borne in medium-sized clusters.

3 to 4 feet . . . . 75 cts. each, $7 per doz.

Ranunculæflora flore pleno. An uncommon variety, with double pale blue flowers.

	Each	Doz.	100
1½ to 2 feet	$0 35	$3 50	$25 00
2 to 3 feet	50	5 00	
3 to 4 feet	75	6 00	

Rubra de Marley. Single, rich rosy purple flowers that are borne abundantly. Resembles the common purple Lilac, and is very desirable.

	Each	Doz.	100
3 to 4 feet, bushy . . .	$0 50	$5 00	$35 00
4 to 5 feet, bushy . . .	75	6 00	40 00

Souvenir de Ludwig Spæth. The single flowers are a dark purple, and distinct from other kinds.

	Each	Doz.	100
2 to 3 feet	$0 50	$5 00	$30 00
3 to 4 feet	75	7 00	

SYMPHORICARPUS

Small native shrubs that are much used in haded places and in open masses. They grow well n almost any soil, are quite hardy and very ornamental, especially so when covered with berries in all and winter. They grow 3 to 6 feet in height, ave small leaves and slender branches.

Symphoricarpus hyerii. A white-fruited variety we obtained from France. It has better and more lasting foliage than the other sorts.

2 to 3 feet . 35c. ea., $3.50 per doz., $22.50 per 100

S. racemosus. Snowberry. July and August. Small red flowers, succeeded by white berries.

2 to 3 feet . 35c. ea., $3.50 per doz., $22.50 per 100

S. vulgaris; syn., **rubra.** Coral-berry. July. Similar in character to the above, useful in the same ways. Purplish red berries in the autumn.

	Each	Doz.	100
1½ to 2 feet	$0 25	$2 50	$15 00
2 to 3 feet	35	3 50	20 00
3 to 4 feet, bushy . . .	50	4 50	25 00

Symphoricarpus vulgaris, var. variegatus. The leaves are variegated with golden yellow and green.

2 to 3 feet . 35c. ea.,$3.50 per doz.,$22.50 per 100

Tamarix · Tamarisk

Shrubs of strong but slender, upright growth; clothed with foliage as light and feathery as that of the asparagus. Their delicate fringing flowers are usually some warm shade of pink or red. They are hardy as far north as Massachusetts; very ornamental at the back of shrubbery borders and valuable for seaside planting.

Tamarix Africana. (L) May. The first to flower. Sea-green foliage.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	4 00	25 00

T. Gallica. (L) May to July. Lighter green foliage, and later in flower.

	Each	Doz.	100
3 to 4 feet	$0 35	$3 50	$22 50
4 to 5 feet	50	5 00	30 00

var. Indica. (L) May. The pink flower-racemes are longer than those of the other flowers. The foliage is dull green.

	Each	Doz.	100
2 to 3 feet	$0 25	$2 50	$18 00
3 to 4 feet	40	4 00	25 00

T. juniperina; syn., **T. Japonica** or **T. plumosa.** (L) Quite similar to the other Tamarisks. Especially fine foliage.

2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

T. Odessana. (M) July to September. Of lower growth. Pink flowers.

2 to 3 feet . . . . . 35 cts. each, $3.50 per doz.

A TAMARIX, SHOWING FLOWER AND FOLIAGE

VIBURNUMS

In this group are included the Snowballs, which give in spring the same showy effect produced by hydrangeas in the fall. Viburnums are especially hardy; grow quickly and are particularly free from the attacks of injurious insects. They are invaluable in shrubbery borders; desirable as specimens and useful in all plantings.

Viburnum dentatum. ARROW-WOOD. (L) May. A handsome native shrub, with glossy green leaves and white flowers that ripen into black berries.

	Each	Doz.	100
2 to 3 feet, bushy . . .	$0 35	$3 50	$20 00
3 to 4 feet, bushy . . .	50	5 00	35 00

V. Lantana. WAYFARING TREE. (L) May and June. White flower-clusters succeeded by red fruits that later turn to black. Good foliage and an especially desirable shrub for dry places and limestone soils.

	Each	Doz.	100
2½ to 3 feet, bushy . . .	$0 40	$3 50	$20 00
3 to 4 feet, bushy . . .	50	4 50	30 00

VIBURNUM PLICATUM

Viburnum Opulus; syn., **Oxycoccus.** CRANBERRY BUSH. (M) May. Spreading habit. Single white flowers borne in flat, imperfect clusters. Highly valued for the brilliant red berries that cling to the leafless branches all winter, unmolested by birds.

	Each	Doz.	100
2½ to 3 feet	$0 35	$3 50	$25 00
3 to 4 feet	50	4 50	

V. sterile. GUELDER ROSE. (M) May. The old-fashioned Snowball that grows almost anywhere and always flowers so abundantly. In appearance it closely resembles the above, but does not have the ornamental fruits.

1½ to 2 feet. 35 cts. each, $3.50 per doz., $20 per 100.

V. Sieboldii. A bushy shrub growing 8 to 10 feet high. Handsome foliage that keeps green later than almost any other shrub. Flat heads of white flowers in May, succeeded by clusters of pink and bluish black berries.

3 to 3½ feet. 50 cts. each, $4.50 per doz.

V. tomentosum. SINGLE JAPAN SNOWBALL. (S) May. An elegant shrub, with beautiful dark green leaves. The white flowers, borne in flat clusters, are followed by decorative red berries, that later change to black. Valuable in shrubberies.

2 to 3 feet, bushy. 35 cts. each, $3.50 per doz., $20 per 100.
3 to 4 feet, very bushy. 50 cts. each, $5 per doz., $30 per 100.
4 to 5 feet, very bushy. 75 cts. each, $7 per doz., $40 per 100.

V. plicatum. JAPAN SNOWBALL. (S) May. One of the best ornamental shrubs, similar in habit to the above. It bears abundant white balls of bloom that have a beautiful setting in the deep green leaves.

2 to 3 feet. 50 cts. each, $5 per doz., $35 per 100.
3 to 4 ft. 75c. each, $6 per doz.

If the shrubs you want are not described in this Catalogue, write to us; for we have limited quantities of many other varieties not offered here, that we would gladly quote prices upon if requested.

Six plants of the same variety will be supplied at the price per dozen, 25 at the price per hundred, and 250 at the price per 1,000

Hardy Garden Roses

The beauty of the Rose is so widely appreciated that the popularity it now enjoys, and the demand for hardy garden Roses is annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight to all who grow them. We make a specialty of Roses for gardens and home planting, and our assortment has been made up especially for that purpose and includes only such varieties as will thrive under home conditions and have proved satisfactory in such places. Of late years we have greatly increased our Rose department, adding to it many choice and desirable varieties. Most all of the varieties offered are perfectly hardy, with little or no protection, north of Philadelphia.

HYBRID PERPETUALS

The list here offered comprises a general assortment of this ever-popular class of hardy Roses. The varieties listed cover all the desirable and distinct shades, and are superior in size, hardiness, vigor and productiveness. In planting Roses, great care should be taken in setting them out to have the "bud" at least 2 inches below the surface so the stock will not "sucker" up.

Strong 2-year-old plants, growing in 6-inch pots, just ready to plant out-of-doors, 40 cts. each, $4.50 per doz. $30 per 100. Our selection of 52 distinct varieties for $7.50.

Abel Carriere. Rich velvety maroon; fine form.

Alfred Colomb. Brilliant carmine-crimson; large, globular.

***Baron de Bonstetten.** Dark velvety red; large, fragrant flowers.

***Baroness Rothschild.** Rich satiny pink; magnificent.

***Boule de Neige.** Pure white; free-blooming.

***Captain Hayward.** Bright crimson-carmine; a distinct shade and very fragrant.

***Celine Forestier.** Rich yellow.

***Clio.** Flesh-color, with rosy pink center; fine form.

Coquette des Blanches. Pure white; large, globular.

***Duchess of Albany.** Deep pink. Dark form of La France.

***Duke of Edinburgh.** Bright crimson; large and double.

***Eclair.** Vivid fiery red.

***Fisher Holmes.** Rich, velvety crimson.

Frau Karl Druschki. Splendid new white Rose; large, perfect and fragrant; strong, vigorous grower.

***General Jacqueminot.** Brilliant scarlet-crimson. Old-time favorite.

***General Washington.** Favorite; large and flat; red, shaded crimson.

***Gloire de Dijon.** Salmon-pink.

***Gloire de Margottin.** Dazzling scarlet.

***Gloire Lyonnaise.** White, tinted yellow.

Jeannie Dickson. Vivid rose.

John Hopper. Bright rose, carmine center; cupped and well formed.

***Jules Margottin.** Bright carmine, cupped; fragrant.

Louis van Houtte. Dark velvety crimson; large and full.

***Mabel Morrison.** Pure white, flushed pink in autumn.

***Mad. Jules Combet.** Yellowish white.

***Magna Charta.** Bright pink, suffused carmine.

***Margaret Dickson.** One of the finest white hybrids.

***Marie Baumann.** Bright carmine; large, perfectly formed.

Marie Kessels. A new white Rose, with pink center; small, compact habit.

***Merveille de Lyon.** White, shaded rose.

***Mme. Chas. Wood.** Bright carmine, full and free.

***Mme. Gabriel Luizet.** Fine satiny rose.

***Mrs. John Laing.** Delicate pink; large, full.

Mrs. J. Sharman-Crawford. Deep rosy pink, outer petals shaded with pale flesh.

Paul Kruger. New. Large, compact, showy rose-colored flowers.

***Paul Neyron.** Very large; deep rose. A favorite.

***Pius IX.** Pink.

***Prince Camille de Rohan.** Deep velvety crimson, with black shadings.

Prince Hendrick. New. Yellowish pink. Striking.

Princesse de Bearn. Scarlet-crimson.

Queen Emma. New. Pinkish white. Fine shaped full rose.

Queen Wilhelmina. New. Large, light pink; robust grower.

***Ulrich Brunner.** Bright cerise-red; large and full.

Verschuren. New. Exceedingly fragrant; pink.

Victor Verdier. Rosy carmine; large, showy.

HYBRID TEAS

Hardy, with little or no protection, very productive, and, as a rule, with brilliant colors and delightful fragrance.

2-year-old plants, growing in 6-inch pots just ready to plant out-of-doors, 40 cts. each, $4.50 per doz.

Augustine Guinoiseau. Flowers white, slightly tinted flesh-color.

HYBRID TEAS, continued

***Belle Siebrecht.** Brilliant pink, fine form, prolific bloomer.

***Captain Christy.** Very large, double buds of deep flesh-color; in bloom all seasons.

Caroline Testout. Bright satiny rose with brighter center. Very fragrant.

Gruss an Teplitz. Good foliage, very hardy and strong. Bright rich scarlet, very showy, lavish bloomer.

***Kaiserin Augusta Victoria.** White, tinted, with lemon center; a superb Rose.

***La France.** Clear satiny pink; large and full.

MOSS ROSES

The beauty of this type of Roses consists largely in the delicate mossy covering surrounding the bud. Large and extremely hardy.

2-year-old plants, growing in 6-inch pots just ready to plant out-of-doors, 40 cts. each, $4.50 per doz.

Blanche Moreau. Pure white, large and full.

Crested. Pink, finely crested; very distinct.

Little Gem. Crimson.

***Red Moss.** Red.

DAMASK ROSES

***Mad. Plantier.** Pure white; very hardy and reliable. Profuse bloomer in June. A favorite for cemetery use. Heavy 2-year plants, 40 cts. each, $4 per doz.

CRIMSON RAMBLER

BOURBON, or EVER-BLOOMING ROSES

Vigorous growers; constant and abundant bloomers, particularly in the autumn.

2-year-old plants, grown in 4- and 5-inch pots just ready to plant out-of-doors, 40 cts. each, $4.50 per doz.

Hermosa. An old-time favorite; constant bloomer, bright pink flowers.

Maman Cochet. Deep rose-pink, beautiful in bud and flower.

Hardy Dormant Roses

The foregoing varieties that are marked with an asterisk, thus (*), are kinds that we have dormant plants of as well as potted ones. The dormant stock is just as good as the potted, but will take longer to get started and to begin blooming. Price, purchasers' selection of varieties, 25 cts. each, $2.50 per doz., $15 per 100; our selection of varieties, 25 cts. each, $2 per doz., $12 per 100.

MEMORIAL, or EVERGREEN ROSES

Roses of this family are of a trailing habit, very hardy and recommended for covering walls, rocks, rough ground, or for any purpose which a creeping Rose is desired.

Manda's Triumph. Large, abundant clusters of medium double, pure white flowers. 2-year-old plants, 2 to 3 feet, 25 cts. each, $2.50 per doz.

South Orange Perfection. Clusters of small double flowers; pink in bud, changing to white as they open. 2-year-old plants, 1½ to 3 feet, 25 cts. each, $2.50 per doz.

Universal Favorite. Vigorous variety with a profusion of immense double flowers of beautiful rose-color.

	Each	Doz.
2-year-old plants, 2 to 3 feet . . .	$0 25	$2 50
Extra heavy, 3 to 4 feet	30	3 00

Wichuraiana. MEMORIAL ROSE. Beautiful, small, glossy, evergreen foliage. A grand trailer over all sorts of places. Fragrant, single, waxy white flowers are borne profusely in June. 2 to 3 feet, 25 cts. each, $2.50 per doz., $15 per 100.

HARDY CLIMBING ROSES

Baltimore Belle. Blush flowers in immense clusters. 2-year-old plants, 30 cts. each, $3 per doz.

Crimson Rambler. Well known and popular. A strong, rapid grower that produces exceedingly large and brilliant clusters of small, double crimson flowers in great profusion. There is nothing finer for training over verandas, walls, pillars, etc.

	Each	Doz.
1-year-old plants, 1 to 2 feet . . .	$0 20	$2 00
2-year-old plants, 2 to 4 feet . . .	30	3 00
Extra heavy, 4 to 6 feet	50	4 50
From 6- and 8-inch pots	75	7 50

HARDY CLIMBING ROSES, continued

Climbing Clothilde Soupert. Rich creamy white flowers, sometimes blush. A vigorous grower, blooming abundantly and persistently almost until frost. 2-year-old plants, 1 to 2½ feet, 30 cts. each, $3 per doz.

Dawson. Considered by some to be as valuable as the Crimson Rambler. Large clusters of double, bright carmine flowers. Strong grower. 2-year-old plants, 3 to 5 feet, 30 cts. each, $3 per doz.

Dorothy Perkins. A splendid sort with beautiful shell-pink flowers; full, large and double. The trusses often contain 30 or 40 individual flowers. Bright foliage that keeps fresh better than most kinds do. 2-year-old plants, 2 to 3 feet. 30 cts. each, $3 per doz.

Multiflora Japonica. See under Bush Roses.

Philadelphia Rambler. Similar to Crimson Rambler, deeper and brighter in color. 2-year-old plants, 30 cts. each, $3 per doz.

Royal Cluster. Double white, medium size. Prolific bloomer. 2-year-old plants, 1 to 2½ feet, 30 cts. each, $3 per doz.

White Rambler. Perfectly hardy, strong, vigorous grower with white flowers. 1-year-old plants, 1 to 2 feet, 20 cts. each, $2 per doz.

Yellow Rambler. Large clusters of good-sized, deep yellow flowers fading to creamy white as the flower matures. 2-year-old plants, 2 to 3 feet, 30 cts. each, $3 per doz.

Queen Alexandra. A new sort that resembles the well-known Crimson Rambler, but is lighter in color. 2-year-old plants, 2 to 3 ft., 30c. each, $3 per doz. Extra heavy, 3 to 4 ft., 50c. ea., $4 per doz.

MISCELLANEOUS ROSES

Baby Rambler; syn., **Dwarf Crimson Rambler**, or **Mme. Norbert Levavasseur.** A compact, new dwarf variety that does not exceed 18 inches in height. Covered with a wealth of crimson flowers that last for a long time. 2-year-old plants in 4- and 5-inch pots, 50c. ea., $5 per doz.

TREE ROSES

Little Baby Rambler Roses as described just above, trimmed to resemble miniature trees, which become laden with Roses. 2-year-old plants, 70 cts. each, $7.50 per doz.

Crimson Rambler. Trimmed into tree form is beautiful when covered with its wealth of crimson bloom. 75 cts. each, $7.50 per doz.

Weeping Tree Roses. Grafted on single stems, these weeping forms are attractive and unique, $1.25 each, $12 per doz.

BUSH ROSES

These varieties are very desirable in connection with shrubbery plantings, as well as in groups by themselves.

Canina. DOG ROSE. This is half-climbing, single pink Rose, that is splendid for massing and for wild effects. 1½ to 3 feet, 35 cts. each, $3.50 per doz., $18 per 100.

Lucida. Single, bright pink flowers all summer long. Attractive red branches and plump red fruits in winter. 1 to 2 feet, 20 cts. each, $2 per doz.

Multiflora. A Japanese Rose that is covered in June with very fragrant clusters of small semi-double flowers that are succeeded by bright red seed-vessels. It is a strong-growing, quite hardy bush that sends out vigorous, long, recurving or climbing branches, which are capable of being trained as a climbing Rose. Valuable in shrubbery borders and to produce a wild effect. 2-year-old plants, 2 to 3 feet, 25 cts. each, $2.50 per doz. Extra-heavy, 3 to 4 feet, 50 cts. each, $4.50 per doz.

Rugosa. JAPANESE ROSE. Dark green, wrinkled leaves that are attractive late into the fall. Showy single pink or white flowers that begin in May and continue to bloom all summer, and are succeeded by bright red, round seed-vessels. One of the most attractive plants for shrubbery borders.

	Each	Doz.	100
1 to 1½ feet	$0 20	$2 00	$12 00
1½ to 2 feet	35	3 00	18 00
2 to 3 feet	50	4 50	25 00

Setigera. PRAIRIE ROSE. Single deep rose-colored flowers. A splendid sort for natural plantings. 2 to 3 feet, 35 cts. each, $3 per doz., $20 per 100.

Rosa rugosa, a splendid bush Rose, for colony or group planting. All summer the single flowers shine from a setting of beautiful dark green leaves and later give place to bright red seed-vessels that look like tiny tomatoes. See prices above.

CLEMATIS PANICULATA AT GLENWOOD (See page 65)

Ornamental Vines

CLIMBING VINES are as necessary to the comfort and beauty of a home as the trees ar shrubs we plant about it. They mature quickly and tone down the stiff, bold angles new buildings, and give shade and flowers over the porches and trellises. They are chee ful and cooling in climbing over bowers and summer-houses, and wild and natural running over trees and stumps. In shaded places and beneath old trees where grass wi not grow, they are often used as a ground cover. On steep slopes and banks they prevent erosion. The ramble over unsightly, neglected places and make them beautiful with fragrant and brilliant flower Vines are strong, robust growers that require little attention other than to occasionally train them.

ACTINIDIA arguta. A vigorous, rapid-growing Japanese vine, with glossy leathery leaves and greenish white flowers, succeeded by greenish yellow fruits. Fine for covering arbors, trellises, walls and to produce wild effects.

	Each	Doz.	100
1 to 1½ feet, 1-year-old	$0 25	$2 50	$15 00
2 to 3 ft., from 6-in. pots	50	4 50	

A. polygama. In most respects it is similar to the above. It has very fragrant, creamy white flowers and handsome foliage. It is a strong, rapid grower and desirable plant. Remarkably free from insect enemies and excellent for trellises, low buildings, fences and the like.

	Each	Doz.	100
1 to 1½ feet, 1-year-old	$0 25	$2 50	$15 00
2 to 3 ft., from 6-in. pots	50	4 50	

AKEBIA quinata. It is a hardy, quick-growir vine that is graceful and handsome. It is se dom, if ever, attacked by insects. Usually grov best in sunny places, and is generally usefu small, fine-lobed, half-evergreen leaves and fr grant, purplish brown or chocolate-color flowers.

	Each	Doz.	100
1 to 1½ feet, 1-year-old	$0 25	$2 50	$15
2 to 3 feet, bushy, from 5-inch pots	50	4 50	

AMPELOPSIS quinquefolia. VIRGINIA CREEPE A hardy native vine of strong, rapid growt The large, handsome leaves are deeply cut in five lobes, hence the name "Five Finger" is oft given to it. In the autumn, the foliage turns beautiful rich crimson. An excellent vine f

Ampelopsis quinquefolia, continued

arbors, fences, trellises, walls and for training up trees and over stumps.

	Each	Doz.	100
1 to 1½ ft., 1-year-old.	$0 25	$2 00	$10 00
2 to 3 feet, from 5-in. pots	50	4 50	

var. Engelmanni. Very similar to above; clings closely to its support, and is a valuable vine for covering walls and trellises, and for running over trees and ugly places. The five-fingered leaves are handsome at all times and very bright in the fall.

	Each	Doz.	100
1 to 1½ feet, 1-year-old	$0 25	$2 00	$10 00
2 to 4 feet, 2-year-old	35	3 00	15 00
2 to 3 ft., from 5-in. pots.	50	4 50	

var. muralis. Resembles the foregoing, but is more slender and shorter-jointed, with smaller leaves that are whitened beneath.

	Each	Doz.	100
2 to 3 feet, strong 2- and 3-year-old	$0 35	$3 00	$15 00
2 to 3 ft., from 5-in. pots.	50	4 50	

A. tricolor. In shape the leaves are similar to those of a grape-vine, and are curiously margined and spotted with tints of pink, white and green. An odd vine that gives variety.

2 to 3 feet, strong 3- and 4-year-old, 35 cts. each, $3 per doz., $15 per 100.

A. Veitchii; syn., tricuspidata. JAPANESE or BOSTON IVY. The tendrils hold tenaciously to any support and the roots find nourishment in the poorest soils. It is a quite hardy, rapid grower. The leaves are strung thickly and overlap one another in a mat of fresh, shining green that turns a brilliant red in autumn. It is the most popular Ivy for covering buildings and walls, and grows well in the smoky atmosphere of cities.

	Each	Doz.	100
1 to 2 feet, 1-year-old	$0 15	$1 00	$6 00
2½ to 4 ft., from 4-in. pots	40	4 00	25 00

ARISTOLOCHIA Sipho. DUTCHMAN'S PIPE. A strong, rapid-growing, tropical-looking vine with handsome light green leaves, 8 to 12 inches across. It will give a quick dense shade, and is much used on arbors and trellises. The corolla of the brown flowers is shaped like the bowl of a pipe.

	Each	Doz.
3 to 4 feet	$0 50	$5 00
2 to 3 feet, from 5-inch pots	75	7 00

BIGNONIA. TRUMPET VINE. These are familiar, strong-growing vines, with deep, rich green foliage and large trumpet-shaped flowers in early summer. They are very desirable for covering summer-houses, training over arbors and to climb over trees, rocks and rustic bridges. Bignonias will grow in almost any soil and are hardy, except in the coldest climates.

B. grandiflora. TRUMPET VINE. The orange-red flowers are larger and earlier than *B. radicans,* and it is a more bushy grower.

	Each	Doz.	100
1-year roots	$0 25	$2 50	$15 00
2- and 3-year, very strong roots	50	4 50	25 00

Bignonia radicans. SCARLET TRUMPET VINE. Our native species, with deep scarlet flowers. It is a familiar old-fashioned vine that clings tenaciously and grows rapidly to tall heights.

	Each	Doz.	100
1-year roots	$0 25	$2 00	$10 00
3- and 4-year, very strong roots	35	3 00	20 00

CELASTRUS scandens. BITTERSWEET. A native vine with good foliage; yellow flowers in June, and bright, ornamental orange and scarlet berries throughout fall and winter. It is very hardy; grows in sunny or shaded places, and is not surpassed as a vine for covering trellis-work, trees, rocks or walls.

	Each	Doz.
1½ to 2 feet	$0 25	$2 50
2 to 3 feet, from 5-inch pots	50	4 50

CLEMATIS

Vines that flower profusely and are in demand for covering porches, trellises and arbors, and to climb over posts and fences. From a long list of varieties we have selected the following as the most desirable.

Clematis paniculata. A valuable introduction from Japan that differs from all the following. It is a strong, luxuriant grower, with light green foliage that is handsome in itself. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. We recommend it for planting anywhere around the house and for covering posts, fences, walls and stumps.

	Each	Doz.	100
1-year, strong plants, from 3-inch pots	$0 25	$2 50	$12 00
2-year, strong plants, from 4-inch pots	35	3 50	20 00

CLEMATIS HYBRIDS

Our plants this year are particularly well rooted. They are all in 4- and 5-inch pots at 40 cts. each, $4 per doz.

Candida. White.

Coccinea. Bell-shaped coral-red flowers. From June until frost.

Duchess of Edinburgh. Pure white, double flowers.

Gem. Sky-blue.

Gypsy Queen. Rich purple.

Henryi. Large, creamy white and handsome.

Jackmani. Next to *C. paniculata,* this is the most popular variety, with rich royal-purple flowers 2 inches across, borne abundantly in June and occasionally afterward.

Jeanne d'Arc. White.

Miss Bateman. White, with dark anthers.

Mme. Edouard Andre. Deep, rich crimson, large flowers.

Mme. Van Houtte. Pure white; extra fine.

CLEMATIS HYBRIDS, continued

Ramona. Very large, deep sky-blue flowers.
Sieboldii. Light lilac.
Viticella Kermesina. Carmine-red.
Ville de Lyon. Bright red.

DIOSCOREA divaricata. CINNAMON VINE. A very rapid-growing vine that often reaches 25 to 40 feet. Quite hardy. Delicate white flowers of peculiar fragrance and glossy, heart-shaped leaves.

Good roots . . . . . . 10 cts. each, $1 per doz.

DOLICHOS Japonica. JAPANESE KUDZU VINE. An extremely rapid-growing vine that has been known to make 40 to 60 feet of growth a year. It is an especially desirable thing for quick effects and useful for hiding unsightly objects. The leaves are large and handsome.

Strong roots from 5-inch pots, 50 cts. each, $4.50 per doz.

EUONYMUS radicans. CREEPING EUONYMUS. An evergreen species with small glossy leaves and low, trailing habit. It is valued for running over rocks, training to walls and as a ground cover. Also described among evergreen shrubs, page 18.

	Each	Doz.	100
1 to 1½ feet	$0 25	$2 00	$15 00
1½ to 2 feet	40	4 00	20 00
2 to 3 feet	75	7 00	45 00

var. variegata. The plant is similar in habit to the preceding and is used for nearly the same purpose. The creamy white markings on the leaves are conspicuous and valued for color contrasts. See page 18.

1 to 1½ feet . 25c. each, $2 per doz., $15 per 100

LONICERA JAPONICA

FORSYTHIA suspensa. GOLDEN BELL. Sometimes used as a climber. See page 47.

HEDERA Helix. ENGLISH IVY. A familiar evergreen vine, with thick dark green leaves. It grows in almost any soil and is fond of shady places. The young and immature wood sometimes winter-kills in localities north of New York, but it is not so much the cold as the bright, late winter suns that kill it. Much used to cover buildings, rocks, trunks of trees, trelliswork, graves and as an evergreen carpet beneath trees in places where grass will not grow.

	Each	Doz.	100
2 to 3 feet, strong field-grown vines	$0 25	$2 50	$12 00
3 to 4 feet, strong vines from 4-inch pots . . .	40	3 50	25 00
4 to 6 feet, from 6- and 8-inch pots	60	5 00	

JASMINUM. The two varieties described on page 50 are sometimes trained over arbors and trellises.

LONICERA · Honeysuckle

Favorite vines of strong, rapid growth in any soil or location. They are well adapted for all trelliswork, for climbing over arbors and verandas, for training to posts and along fences. They are beautiful when allowed to ramble over trees and bushes in a wild and natural way. The vines take root where they touch the ground, and this habit suits them for creeping over dumps and unsightly places, as well as for retaining purposes on slopes and banks. They withstand shade and make a ground cover in places where grass will not grow.

Lonicera Japonica, var. aurea reticulata. GOLDEN HONEYSUCKLE. The leaves, netted with golden yellow, are beautiful in themselves and are valuable for color contrasts with other kinds. Fragrant, cream-colored flowers.

1 to 2 feet, 1-year-old, 25c. each, $2 per doz., $10 per 100.
2 to 4 feet, 2-year-old, 35c. each, $3 per doz., $15 per 100.
2 to 3 feet, from 5-inch pots, 40c. each, $4 per doz.

var. brachypoda. EVERGREEN HONEYSUCKLE. This variety is very similar in appearance to the well-known Hall's Honeysuckle. The leaves remain green well into the winter. Desirable sort with fragrant yellow flowers.

1 to 2 feet, 1-year-old, 25c. each, $2 per doz., $10 per 100.
2 to 4 feet, 2-year-old, 35c. each, $3 per doz., $15 per 100.
2 to 3 feet, from 5-inch pots, 40 cts. each, $4 per doz.

Six plants of the same variety will be supplied at the price per doz., 25 at the price per hundred, 250 at the price per thousand.

Lonicera Japonica, var. Chinensis. The leaves are reddish green, often with purplish veins beneath. In winter the foliage turns to a beautiful bronzy hue and lasts well on toward spring. The profusion of buds are tinted with pink and open into very fragrant white and pink flowers. This is one of the best varieties for every purpose.

	Each	Doz.	100
2 to 4 feet, strong 2- and 3-year	$0 25	$2 25	$12 00
2 to 3 ft., from 5-in. pots.	40	4 00	

var. Halliana. HALL'S HONEYSUCKLE. The most popular variety. Glossy, light green leaves; strong, vigorous, half-evergreen habit and a wealth of bloom in June that is succeeded by very fragrant flowers until frost. White and buff in color.

	Each	Doz.	100
2 to 3 feet, 1-year-old . .	$0 25	$2 00	$10 00
2 to 3 feet, strong 2-year-old	35	3 00	15 00
2 to 3 ft., from 5-in. pots.	40	4 00	

L. sempervirens, var. fuchsioides; syn., L. punicea. SCARLET TRUMPET HONEYSUCKLE. Differs widely from the Japanese forms and is brilliant in bloom with its clusters of tubular scarlet flowers that continue all summer. Bluish green leaves. A very pretty and desirable sort.

	Each	Doz	100
1 to 2 feet, 1-year-old . .	$0 25	$2 25	$12 00
2 to 4 feet, strong 2-year old	35	3 00	18 00
2 to 3 ft., from 5-in. pots.	40	4 00	

LYCIUM Chinense. MATRIMONY VINE. Very hardy and grows anywhere. The slender, drooping branches are somewhat thorny and bear grayish green leaves. The small flowers, varying from pink to purple, are noticed from June to September and are then succeeded through the fall and winter by a profusion of bright scarlet and orange fruits. A good plant for trelliswork and bowers, it is desirable in neglected places and to creep over walls and rocks.

	Each	Doz.	100
2 to 3 feet, 1- and 2-year-old	$0 25	$2 50	$15 00
2 to 3 ft., from 5-in. pots.	40	4 00	

PERIPLOCA Græca. SILK VINE. A rapid grower, with dark green, silky leaves. Small purple flowers in July. Valued for covering trees, stumps, etc.

	Each	Doz.	100
2 to 3 feet, 2-year-old . .	$0 25	$2 25	$15 00
2 to 3 ft., from 5-in. pots.	40	4 00	

ROSES. The Crimson, White and Yellow Rambler Roses, as well as the Dawson, Multiflora, Prairie Queen and Setigera varieties, are splendid climbers and should be included in all orders for vines. There are no vines more beautiful than flowering Roses, as they climb and ramble over any support given them. For description and prices, see pages 61-63.

VINCA minor. PERIWINKLE. A familiar evergreen creeper that bears blue flowers in early spring and is common as a carpet in shady places or on rockeries and graves.

25 cts. each, $1.50 per doz., $6 per 100

VITIS cordifolia. FROST, or WINTER GRAPE. A vigorous native vine that reaches 40 to 60 feet in height. Deeply cut leaves. Small black Grapes that cling fast late into the fall. Valuable for running over tree trunks and to make wild and natural effects.

1 to 2 feet, 1-year-old, 25 cts. each, $2.25 per doz.

V. Labrusca. FOX GRAPE. A rapid-growing strong native vine, with large purplish black fruits. Very ornamental; especially suited for climbing over thickets and trees.

1 to 2 feet, 1-year-old, 25 cts. each, $2.25 per doz., $12 per 100.

WISTARIA. Strong-growing vines that wrap themselves tightly about any support, and are valued most for covering bowers, porches and training over tree trunks. In May they bear abundant dense drooping clusters of flowers similar in shape to those of a sweet pea, and occasionally a lighter crop follows in August.

W. Chinensis. CHINESE WISTARIA. The common variety, which flowers so profusely in May. Flowers pale blue; fragrant. It withstands the smoke of cities; grows anywhere.

	Each	Doz.	100
1 to 2 feet, 1-year-old . .	$0 35	$3 50	$20 00
2 to 3 feet, strong 2- and 3-year-old	50	4 50	30 00
2 to 4 feet, heavy, from 6-inch pots	60	6 00	

var. alba. A beautiful white-flowering form of our common Wistaria, that possesses the strong-growing, hardy qualities of its parent, and is especially pretty to have flowering in connection with its pale blue flowers.

	Each	Doz.	100
1 to 2 feet, 1-year-old .	$0 35	$3 50	$25 00
2 to 4 feet, strong 2- and 3-year-old	50	4 50	35 00
2 to 4 feet, heavy, from 6-inch pots	60	6 00	

W. magnifica. AMERICAN WISTARIA. Fragrant lilac flowers in dense, medium-sized clusters.

	Each	Doz.	100
1 to 2 feet, 1-year-old . .	$0 35	$3 50	$20 00
2 to 4 feet, 2-year-old . .	50	4 50	30 00
3 to 6 ft., 3- and 4-year-old.	75	7 50	50 00

W. multijuga. LOOSE-CLUSTER WISTARIA. Immense long panicles (often 3 feet in length) that are loosely filled with deep purple flowers which hang thickly from all over the vine at the close of May. In other respects it is similar to the foregoing.

	Each	Doz.
1 to 1½ feet, 1-year	$0 50	$4 50
2 to 4 feet, 2- and 3-year-old . . .	60	6 00

Six of the Vines offered in the chapter above, or any of the plants listed in this Catalogue, will be sold at the rate for a dozen plants. Over 25 of any kind can be bought at the price per hundred, and over 250 at the price per thousand.

HEDGE OF GOLDEN RETINOSPORA AT GLENWOOD

Hedge Plants

The value of hedges in ornamental planting is realized. The beauty of living plants is greatly to be preferred to the stiff and measured lines of fences. Annual trimmings and occasional weedings and cultivation are all the care that established hedges require, and with age they increase in density and beauty, instead of rotting away with time. Evergreen hedges, fresh and green at all seasons, retain their beauty and serve the purpose for which they are intended, even in winter. They should be trimmed in either May or August, and may be kept at any desired height. They increase in density and branch out at the ground, making a thick, almost impenetrable wall. As screens to unsightly objects and as windbreaks for exposed places, there is nothing better. Deciduous hedges grow more rapidly and are less expensive. They require the same care, and should usually be trimmed in winter. The flowering hedges are most showy with their long lines of bloom, and the thorny plants serve best for defensive purposes. There are really very few Shrubs or Evergreens that will not make good hedges. It is impossible to repeat descriptions of all of them in this chapter, and we have enumerated only the kinds most generally used. Prices upon other kinds and particulars concerning them will be given upon request.

CONIFEROUS EVERGREENS

PICEA excelsa. Norway Spruce. A strong, rapid grower in any soil. It withstands cold and exposure and therefore is admirably suited for windbreaks and shelter-belts. If annually sheared, it will make a dense, compact hedge that may be kept any desired height. This is the cheapest and most reliable evergreen hedging plant. Our stock is unusually bushy, well rooted and in splendid condition.

	100	1,000
1½ to 2 feet; plant 12 to 18 inches apart	$25 00	$180 00
2 to 2½ ft.; plant 15 to 24 in. apart.	30 00	250 00
2½ to 3 ft.; plant 18 to 24 in. apart.	35 00	300 00
3 to 4 ft.; plant 20 to 30 in. apart.	60 00	500 00

For larger sizes and further particulars, see p. 9.

RETINOSPORA plumosa. Green Retinospora. Soft green foliage, makes a hedge similar to the Golden Retinospora, that is pictured above.

2½ to 3 feet; plant 18 to 24 in. apart, $90 per 100.

For larger sizes and further particulars, see p. 12.

var. aurea. Golden Retinospora. Makes beautiful, dense golden hedges. See the illustration above as an example of the splendid hedge we have of it.

	100	1,000
1 to 1½ feet; plant 12 to 15 inches apart	$35 00	$250 00
2 to 2½ feet; plant 15 to 20 inches apart	60 00	500 00
2½ to 3 feet; plant 20 to 30 inches apart	120 00	1,000 00

For larger sizes and further particulars, see p. 12.

Retinospora squarrosa, var. Veitchii. Silver Retinospora. Has silvery blue foliage, otherwise is similar to the other Retinosporas listed here, and also makes splendid hedges.

	100	1,000
2 to 2½ feet; plant 15 to 20 inches apart	$80 00	$650 00
2½ to 3 feet; plant 20 to 30 inches apart	125 00	1,000 00

For larger sizes and fuller particulars, see p. 13.

THUYA occidentalis. American Arborvitæ. This tree is a strong, hardy grower, of pyramidal habit, and just the thing to plant as a screen about clothes-yards, objectionable buildings, fences, etc., as well as a blind to unsightly objects of any kind. If desired, it will attain a height of 18 to 20 feet, but may be kept within smaller bounds. It is a fast grower, with soft, light green foliage.

	100
2½ to 3 feet; plant 12 to 15 inches apart	$40 00
3 to 4 feet, very heavy; plant 12 to 18 in. apart	60 00
4 to 5 feet, very heavy; plant 15 to 18 in. apart	80 00

For larger sizes and fuller particulars, see page 14.

T. compacta. Compact Arborvitæ. A dwarf, bushy form, with foliage similar to the above. It is most used as an edging and for enclosing cemetery lots, but is desirable wherever a low hedge is needed.

	100
1 to 1½ ft.; plant 10 to 12 inches apart	$40 00
2 to 2½ ft.; plant 15 to 20 inches apart	75 00
2½ to 3 ft.; plant 20 to 24 inches apart	100 00

See page 14 for further description.

T. globosa. Globe Arborvitæ. A round, ball-like form.

	100
1 to 1½ feet; plant 15 to 20 inches apart	$50 00
1½ to 2 feet; plant 20 to 30 inches apart	90 00

See page 14 for further description.

TSUGA Canadansis. Hemlock Spruce. A rapid grower in any soil; very hardy, and unsurpassed in beauty as a hedge plant. By trimming it can be made dense and bushy. Particularly good for high hedges. The dense young growth is feathery and graceful. Notice the illustration on page 71.

	100	1,000
2½ to 3 ft.; plant 12 to 18 in. apart	$100 00	$800 00
3 to 4 ft.; plant 18 to 24 in. apart	150 00	1,300 00
4 to 5 feet, very heavy; plant 2 to 2½ feet apart	200 00	1,750 00

See page 15 for further description.

EVERGREEN SHRUBS

AZALEA amœna. This thick little plant makes fine hedges (see the illustration, page 16). Beautiful when in bloom.

	100
12 to 15 in.; plant 12 to 18 in. apart	$75 00
15 to 20 in.; plant 18 to 24 in. apart	110 00

For other sizes and fuller description, see page 16.

BUXUS suffruticosa. Box Edging. This is the familiar and popular dwarf Box Bush, which is so much used as an edging to walks, and is valued in all formal and old-fashioned plantings. We have a splendid stock.

	100	1,000
4 to 6 in.; plant 2 in. apart	$7 00	$45 00
6 to 8 in.; plant 3 in. apart	12 00	90 00

ILEX crenata. Japanese Holly. Because this splendid hedge plant is not dependable in the coldest winters in this latitude, it has not been planted as it should. When clipped, grows thick and strong. For sheltered position it can not be excelled.

	100
1 to 1½ feet; plant 8 to 10 inches apart	$35 00
1½ to 2 feet; plant 10 to 12 inches apart	60 00

Page 18 has fuller description and other sizes.

DECIDUOUS HEDGE PLANTS

BERBERIS Thunbergii. Japanese Barberry. One of the best hedge plants in cultivation. A good, hardy grower of low, dense growth. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. It grows rapidly to a height of about 4 feet, withstands shearing and becomes more dense and compact when so treated. It is particularly ornamental; tiny, brilliant leaves adorn it in spring and summer. In autumn the foliage is a bright crimson that makes a gorgeous showing; when it falls a profusion of scarlet berries are revealed upon

ARBORVITÆ ARCH HEDGE WITH WHITE PINES IN BACKGROUND

HEDGE OF CALIFORNIA PRIVET, TWO YEARS AFTER BEING PLANTED BY US

Berberis Thunbergii, continued.

the branches and remain unmolested through the winter. We recommend it highly.

	100	1,000
1 to 1½ feet; plant 8 to 10 inches apart	$15 00	$120 00
1½ to 2 feet; plant 10 to 12 inches apart	18 00	150 00
2 to 2½ ft.; plant 12 in. apart	27 50	200 00

B. vulgaris. COMMON BARBERRY. A slightly taller grower than the Japanese variety, of more erect habit and larger foliage.

	100	1,000
1 to 1½ ft.; plant 10 in. apart	$18 00	$120 00
1½ to 2 feet; plant 12 in. apart	20 00	150 00

For fuller descriptions, see page 42.

CARPINUS Americana. AMERICAN HORNBEAM. A small, twiggy tree with leaves very similar to those of a Beech. Withstands shearing well and makes splendid tall screens and hedges. The dry leaves are retained all winter.

	100
2 to 3 feet; plant 12 to 18 inches apart	$20 00
3 to 4 feet; plant 18 to 24 inches apart	30 00

C. Betula is also good for hedges. See page 26 for further descriptions and prices.

CRATÆGUS cordata. WASHINGTON THORN. A desirable species flowering in June, coloring brightly in the fall, and hung with red fruit well into winter. The thorns and habit make it a defensive and ornamental hedge.

	100
3 to 4 feet; plant 15 to 18 inches apart	$30 00
4 to 5 feet; plant 18 to 24 inches apart	50 00

Cratægus Crus-galli. COCKSPUR THORN. Neat in appearance, of strong growth; very hardy, and much used for hedging and grouping. The thorny branches grow out horizontally. The leaves color brilliantly in autumn. Bright scarlet or orange-colored fruits.

2½ to 3 feet; plant 18 inches apart. $30 per 100.

For other Cratægus and fuller descriptions, see p. 29.

CYDONIA Japonica. JAPANESE QUINCE. An old-fashioned hedge plant that bursts out with scarlet or pink flowers, during the first warm days of spring.

1 to 1½ feet; plant 10 inches apart. $15 per 100.

HIBISCUS Syriacus. ALTHEAS. These make very desirable flowering hedges. They are robust growers and bloom abundantly at the close of July and last for 4 or 5 weeks, if trimmed in winter to increase the new growth of flowering wood.

See pages 47-49 for fuller particulars, list of varieties and prices.

CALIFORNIA PRIVET

Ligustrum ovalifolium. This plant is so universally known and so generally used for hedges that a description of it is scarcely necessary. It is a rapid grower under all conditions, has handsome glossy foliage that lasts well into winter and withstands any amount of trimming. We

Ligustrum ovalifolium, continued

have an elegant stock of heavy plants, that are splendidly rooted and not to be compared with a great deal of the weak light Privet which is put upon the market.

	100	1,000
1½ to 2 ft.; plant 6 to 8 in apart	$6 00	$25 00
2 to 3 ft.; plant 10 in. apart	7 00	45 00
3 to 4 feet, very heavy; plant 12 inches apart	12 00	70 00
4 to 5 feet, very heavy; plant 12 to 15 inches apart	20 00	120 00

Descriptions and prices of other varieties of Privet to be found on page 52.

MACLURA aurantiaca. OSAGE ORANGE. A cheap thorny hedge plant, with bright glossy leaves. Makes a durable fence; grows anywhere.

1-yr.; plant 6 in. apart . $1.50 per 100, $7 per 1,000

RHAMNUS catharticus. BUCKTHORN. A stout, strong-growing shrub that is very hardy. It requires little attention and is highly desirable as a hedge plant. The leaf is dark green, and there are white flowers followed by black fruits.

	100
4 to 5 feet; plant 18 inches apart	$25 00
5 to 6 feet; plant 2 feet apart	35 00

For other varieties of Rhamnus, see page 55.

ROSA rugosa. JAPANESE SWEETBRIER. Dwarf bushy habit, handsome, rough, dark green leaves; a succession of red or white flowers from June until frost, and the bright little orange-shaped seed-vessels are attractions that make this one of the prettiest flowering hedge plants.

	100
1 to 1½ feet; plant 10 inches apart	$12 00
1½ to 2 feet; plant 12 inches apart	18 00
2 to 3 feet; plant 12 to 15 in. apart	25 00

The Hydrangeas, Spireas and almost all the shrubs make good hedges; for descriptions, see elsewhere in this Catalogue, and for fuller particulars and suggestions write to us.

Ornamental Reeds and Grasses

There are few things more effective in landscape work than this class of plants. They are strong rapid growers in almost any soil. During the close of summer they come into bloom and are most showy and ornamental with their large flower-plumes. The Arundos are straight and erect, the Grasses slender and graceful. They annually increase in beauty and give so much satisfaction that we do not hesitate recommending them for more extensive use.

ARUNDO Donax. GREAT REED. A tall, bamboo-like plant, with long, green, narrow leaves, well suited for planting along water edges and for borders and the lawn. 25c. each, $2.50 per doz.

var. variegata. A variegated form with creamy white and green leaves. 35 cts. each, $4 per doz.

var. macrophylla glauca. GIANT REED. Attains a height of 15 feet. The long, narrow leaves are glossy dark green. 25 cts. each, $2.50 per doz.

BAMBUSA. BAMBOO. These odd and interesting plants from the semi-tropics are hardy here and decorative. A slight winter protection is desirable.

B. aurea. Straight yellowish stem and light green foliage. Grows 15 to 20 feet high. $1.

B. Metake. An evergreen species, 6 to 8 feet high, with large deep green foliage. $1.

B. Simoni. A deciduous form that grows 10 to 20 feet high. $1.

ERIANTHUS Ravennæ. PLUME GRASS, or HARDY PAMPAS. Grows 9 to 12 feet high. Sends up a great lot of silvery flower-plumes. Very similar to the Pampas Grass. 25 cts. each, $2.50 per doz.

EULALIA gracillima univittata. JAPAN RUSH. A beautiful, tall, swaying grass, with narrow green leaves and a conspicuous silvery white midrib. 15 cts. each, $1.50 per doz., $10 per 100.

E. Japonica variegata. The long, narrow leaves are striped with a band of white. A graceful and beautiful plant. 15c. each, $1.50 per doz., $10 per 100.

Eulalia Japonica, var. zebrina. Similar to the preceding, save that stripes of yellow run across the leaves. 15c. ea., $1.50 per doz., $10 per 100.

GYNERIUM argenteum. PAMPAS GRASS. Grows 8 to 10 feet high with long, silvery plumes; needs slight protection. 25 cts. each, $2.50 per doz.

HEDGE OF HEMLOCK SPRUCE AND IVY-COVERED WALL

A GARDEN OF HARDY PERENNIALS WITH BOX-EDGED WALKS

Hardy Perennial Plants

There is an unprecedented demand for these old-fashioned hardy garden flowers, and we are giving increased attention to the raising of them. There is not a time during the whole flower season in which some hardy perennial is not in bloom, and, when the wooded shrubs are almost bare of flowers in July and August, these little plants make a fine display. They are not fastidious regarding the soil, and year after year they will reappear in the same place with increased strength and ready to flower more abundantly than before. They require scarcely any attention, and nothing is finer for borders along fences or walls and at the boundaries of the lawn. Planted at the front of shrubbery groups they give a brilliant display, and they are valuable in innumerable places that will suggest themselves. The selection we offer includes the most desirable varieties, but by no means all that we can supply; so that persons wanting sorts not catalogued here will do well by writing to us.

Except where otherwise noted, the price of these plants is: 15 cents each, $1.50 per doz., $10 per 100

ACHILLEA. MILFOIL, or YARROW.

A. **Ptarmica fl. pl., "The Pearl."** 2 feet. In July it is covered with a profusion of small pure white double flowers.

A. **Millefolium roseum.** ROSY MILFOIL. All summer and on into fall there are heads of rosy red flowers on stems about 18 inches high. The foliage is cut deeply.

AGROSTEMMA **Coronaria.** MULLEIN PINK. Rough, silvery leaves. Bright crimson flowers in June and July on stems 2 to 3 feet long.

ALTHAEA rosea. The Hollyhocks sometimes catalogued under this name are listed on page 74.

ANEMONE, Queen Charlotte. A plant that grows 2 to 3 feet high and is a splendid acquisition to almost any planting of perennial flowers. From September until frost comes there are semi-double flowers, nearly 2 inches across of a beautiful flesh-pink color. Valuable also for cutting.

AQUILEGIA chrysantha. COLUMBINE. Growing to about 18 inches to 2 feet. From May to July bright with fragrant golden yellow flowers.

Aquilegia coerulea. Rocky Mountain Columbine. A handsome form that grows about 18 inches high and is showy from May to July, with blue flowers.

BAPTISIA australis. False Indigo. Spikes of dark blue flowers about 2 feet high in June and July. A splendid strong-growing plant with deeply cut foliage.

BELLIS perennis. English Daisy. An improved strain in which we have both white and pink flowers.

BOCCONIA cordata. During July and August this tall perennial (6 to 8 feet) is at its best, with large, loose terminal panicles of creamy white flowers. It is a splendid thing to use in shrubbery borders and in connection with smaller plants of any kind.

BOLTONIA asteroides. False Chamomile. A strong-growing plant, 3 to 5 feet high, that is covered during the summer and early autumn with hundreds of small white flowers. The Boltonias are the most showy herbaceous plants that we have.

B. latisquama. The flower is a very pale pink; in other respects similar to the above.

CAMPANULA Medium. Canterbury Bells. An old-time favorite that grows 2 to 3 feet high. We offer a fine strain, with assorted colored flowers.

C. persicifolia. Peach-leaved Bell-Flower. Spikes 1½ to 2 feet high, that are loaded with blue flowers in June and July.

C. pyramidalis. Chimney Bell-Flower. The most conspicuous Campanula when weighted in September with 4- to 5-foot spikes of blue flowers.

CARYOPTERIS Mastacanthus. Verbena Shrub. A shrubby little plant that is bright and showy in September covered with the blue verbena-like flowers. It should be cut back each spring and is then one of the best plants for the hardy garden. 1 foot, 25 cts. each, $2.50 per doz.

CERASTIUM tomentosum. The common name, "Snow-in-Summer," is descriptive of this little plant that is almost hidden beneath white flowers in June and July.

CHRYSANTHEMUMS

We offer an assortment of hardy Pompon varieties. They flower profusely in October, and are not injured by frosts, and therefore, gay and beautiful after everything else in the garden has been killed. They are excellent for cut-flowers and bouquets. Sure bloomers and satisfactory growers of 2 to 3 feet, that should be included in all orders for plants of perennial character.

VARIETIES OF CHRYSANTHEMUMS

Danizula. Rosy pink.
Dundee. Maroon shaded scarlet.
Gold Finch. Rich golden yellow, with tiny stripes of red.
Golden Nugget. Golden, inner petals tinted with red.
Julia Lagravere. Fine rich garnet.
Miss Juiia. Bronze.
Queen of Bul. Violet-rose.
Queen of Whites. Pure white.
Sunset. Scarlet-bronze.
Tennyson. Pure yellow.

CLEMATIS Davidiana. A shrubby plant 2 to 3 feet high that blossoms during August and September. Deliciously fragrant, bell-shaped flowers of deep lavender-blue color.

DIANTHUS barbatus. Sweet William. A small plant flowering from May to July, and growing 12 to 18 inches high. It is well known. The plants we offer are of assorted colors.

D. plumarius. Hardy Pinks. These are old-time favorites that require little attention and flower bountifully each year. They are valued for an edging, also in rockeries or wherever a low plant is needed.

DIGITALIS gloxiniæflora. Foxglove. Familiar old-fashioned plants, that grow 3 to 4 feet high and flower in June. We offer assorted colors.

FUNKIA cœrulea. Plantain Lily. Large, handsome leaves. Spikes of blue flowers in July and August. Valuable for individual as well as collective planting.

GAILLARDIA grandiflora. Blanket-Flower. We offer no more desirable herbaceous plant than this one, which begins to flower in June and continues unremittingly until frost. It grows 2 to 3 feet in height and thrives almost anywhere. The center of the flower is a dark reddish brown, while the orange petals are differently marked with bands of scarlet-crimson and vermilion.

GYPSOPHILA paniculata. This is a well-known, old-time favorite, known as Baby's Breath. It is a very reliable and satisfactory plant for the hardy flower border. Its long, slender flower-stalks are laden in August and September with tiny pure white flowers that are especially delicate and suitable for bouquets, etc. It is a strong grower, 3 to 4 feet high.

HELIANTHUS, Soleil d'Or. Hardy Sunflower. Strong growers; succeeding anywhere. Useful in connection with shrubbery borders, in clumps by themselves as well as in all herbaceous plantings. They grow 4 to 5 feet high and in August and September bear large golden yellow flowers which closely resemble Dahlias.

HELIOPSIS scabra major. Orange-Flower. A desirable herbaceous plant, which bears very large flowers of a beautiful deep golden yellow color. Begins to flower early in the season, and continues the entire summer. Valued for cutting.

HEMEROCALLIS flava. YELLOW DAY LILY. A profusion of large, fragrant yellow lilies during August and September. Grows 3 feet high.

HEUCHERA sanguinea. Grows but 1½ to 2 feet high and forms a compact tuft of foliage, from which graceful spikes, loaded with bright coral-red flowers, are sent up in July and August.

HIBISCUS Moscheutos, var. Crimson Eye. A woody plant often 5 feet in height. It is fond of moist places, although it grows well in drier soils. In September it bears large, single flowers with crimson centers. It is a beautiful plant in bloom and especially suited for mixed borders.

HOLLYHOCKS. Hollyhocks are so well known that they do not require describing. Their value in perennial borders and for interspersing among shrubbery is realized. We offer the double fringed Allegheny Hollyhocks in assorted colors.

HYPERICUM Moserianum. ST JOHN'S-WORT. A beautiful little plant with handsome, glossy foliage that makes a striking background for the rich golden yellow, saucer-like flowers that first come in May and then continue all summer. It is a low, broad grower 1½ feet high. Makes a splendid edging and useful in all plantings. 1 to 1½ feet, 25 cts. each, $2.25 per doz., $15 per 100.

IRIS

Sometimes known as "Flags" and often spoken of as "Fleur de Lis." Popular herbaceous plants that come up year after year, and each season stronger and more floriferous than the previous. They grow in clumps and do well in almost any soil; are desirable in borders and shrubbery and are beautiful in beds and groups by themselves, and for planting along water edges. The flowers embrace a variety of colors and innumerable tints of blue, yellow and white. Those of the German forms are not so delicately colored, nor are they so large as the flowers of the Japanese varieties. They bloom the latter part of May and are through flowering the last of June, when the Japanese Iris are brilliant with their wealth of flowers. Both are needed to give a continuous effect from May to July.

IRIS Germanica. GERMAN IRIS.
Adonis. The earliest to flower. Royal purple.
Albino. Pale lavender, tinged with purple.
Britannica. Blush.
Chameleon. Delicate blue.
Charlotte Patty. Deep yellow, tinged with dark red.
Chas. Dickens. Blue.
Gigantea. White, fringed with lilac.
Garrick. Violet
Herant. Blue.
Madame de Brabant. Blue.
Pallida. Dark blue.
Princess Mary. Blue.

Iris Germanica, continued
Queen of Gypsies. Upper petals chocolate-brown, lower ones bluish yellow.
Virgin. Brown.

Any of the above, 20 cts. each, $2 per doz.

If the selection is left to us, we have a large number of varieties to choose from and can give a better assortment of colors. Plants of our selection, 15 cts. each, $1.50 per doz., $10 per 100.

IRIS Kæmpferi. JAPAN IRIS.
Artus. Lilac.
Doshiska. Bluish white, dark-veined.
Emperor. Purple.
Meiran. White, striped with blue.
Sultana. Blue petals, splashed with white and light center.

Any of the above, 20 cts. each, $2 per doz.

Our stock includes, beside the above, a number of varieties from which we can select a more varied assortment at a lower price. Varieties of our selection, 15 cts. each, $1.50 per doz., $10 per 100.

IRIS Sibirica. Flowers in May and June on stems about 3 feet long. Bright lilac-blue flowers. Is useful for cutting.

LATHYRUS latifolius. EVERLASTING, or PERENNIAL PEA. Climbs to 8 or 10 feet in height, and produces clusters of large, rosy red, pea-shaped flowers the entire summer. Useful for cutting.

LIATRIS graminifolia. BLAZING STAR, or GAY-FEATHER. In September and October the plant is loaded with long spikes of rich, rosy purple flowers.

LOBELIA cardinalis. CARDINAL-FLOWER. From August to October. The bright scarlet flowers are among the most brilliant in the hardy border, growing 2 to 2½ feet high.

LYTHRUM roseum superbum. ROSE LOOSE-STRIFE. Valued in all perennial borders and moist soils. Grows about 3 feet high, and from July to September it is bright with spikes of rose-colored flowers.

MONARDA didyma splendens. OSWEGO TEA. Bright scarlet flowers on spikes 2 to 3 feet high during July and August.

MYOSOTIS palustris. FORGET-ME-NOT. Low grower, bearing a profusion of small pale blue flowers all summer. A general favorite.

PAPAVER nudicaule. ICELAND POPPY. Cup-shaped flowers, on stems about a foot high, vary in color through different shades of white, yellow and red. The plant makes splendid little tufts of fern-like foliage upon the ground. June to Oct.

PENTSTEMON barbatus Torreyi. BEARD-TONGUE. Is a showy thing from June to August with spikes 3 to 6 feet high of brilliant scarlet color.

P. Digitalis. A splendid border and rockery plant, with large spikes of long, purple-white flowers in June and July. Grows 2 to 3 feet tall.

Except where otherwise noted, the price of all our Hardy Perennial plants is 15c. ea., $1.50 per doz., $10 per 100

PEONIES

These old-time favorites are again popular and are being planted more than ever before. Their great flowers are perfectly formed and are often as fragrant and as delicately colored as a rose. They grow best in a rich, deep soil and sunny position, but will thrive in partially shaded places. They are admired in all herbaceous borders for planting among shrubbery, and are valued in beds or groups by themselves. Grow about 2 feet high, and flower in May and June. We offer a carefully selected assortment of the best varieties, which include some of the newer and handsomer introductions.

It is likely that early sales will soon reduce our assortment of varieties, and purchasers will do well to name a second choice, that no delay shall occur in filling orders.

Achille. Pale pink ; profuse bloomer. 30 cts. each, $3 per doz.

Agida. Dark red, rich and glowing. 30 cts. each, $3 per doz.

Alexandre. Rose, large flower. 30 cts. each, $3 per doz.

Atrosanguinea superba. Carmine. 75 cts. each, $7.50 per doz.

Baroness Rothschild. Pink. 30c. ea., $3 per doz.

Festiva maxima. The largest and finest white variety, with small scarlet flecks in the center of the flower. 75 cts. each, $7 per doz.

Golden Harvest. The nearest approach to yellow. 50 cts. each, $5 per doz.

La Tulipe. Flesh-pink, shaded to ivory-white. 75 cts. each, $7.50 per doz.

L'Esperance. Sulphur-white. 25 cts. each, $2.50 per doz.

Louis Van Houtte. Rich crimson. 30 cts. each, $2 per doz.

Madame Breon. Rose-pink, changing to yellow. 40 cts. each, $4.50 per doz.

Madonna. Salmon-pink. 25c. ea., $2.50 per doz.

Magnifica. Pinkish white. 30c. each, $3 per doz.

M. Barrell. Rosy violet. 30 cts. each, $3 per doz.

Marie Lemoine. Delicate flesh, blending to white. $1 each.

Ne Plus Ultra. Large, well-formed ; clear flesh-pink. 40 cts. each, $4.50 per doz.

Queen Victoria. Late ; white, creamy center. 40 cts. each, $4 per doz.

Richardson's rubra superba. Deep crimson ; very fragrant. 60 cts. each, $6 per doz.

Rosea superba. Full rosy pink and extra large. 40 cts. each, $4 per doz.

Victoria tricolor. Fragrant ; pink, rose and salmon mixed. 25 cts. each, $2.50 per doz.

Our stock includes, besides the varieties mentioned, numerous other choice kinds of which we do not have a large enough supply of any one kind to list them separately. If purchasers leave the selection of varieties to us, we can select a better assortment for them from the unlisted stock, at 50 cts. each or $5 per doz.

PÆONIA OFFICINALIS. These are the old-fashioned favorites which come into bloom about ten days earlier than the other sorts. They are abundant and sure bloomers. We offer three varieties.

var. alba. Blush white. 25c. ea., $2.50 per doz.

var. rubra. A handsome deep red. 25 cts. each, $2.50 per doz.

var. rosea. Bright pink. 25 cts. each, $2.50 per doz.

P. Mouton. JAPANESE TREE PEONIES. These are dwarf shrubs that flower earlier than the herbaceous Peonies. The flowers are large and beautiful. We offer assorted colors at $1 each, $10 per doz.

PHLOX, THE PEARL, IN BLOOM AT GLENWOOD

PHLOX

Familiar plants in old dooryards, and valuable in all hardy borders. They grow in any soil, and range in height from 1 to 4 feet, and flower continuously from June until October. The flowers are borne in clusters at the top of each shoot. There is a wide range of color among them, and we offer an assortment that includes the most desirable shades.

Our Phlox are all 15 cts. each, $1.50 per doz., $10 per 100

Athis. Deep pink.

Aurora borealis. Orange-red.

B. Compte. Dark crimson, almost purple.

PHLOX, continued

Crepuscle. Pale lavender, with light halo in center.

Cross of Honor. White, with rosy lilac center.

Eclaireur. Purplish crimson.

Edmund Rostand. Deep rose, with white center.

Fantome. Light violet.

F. G. Von Lassburg. Pure white.

Jeanne d' Arc. Pure white.

J. H. Slocum. Dark red.

Lothair. Salmon-red, carmine eye.

Matador. Orange-scarlet, cherry-red eye.

Mrs. Jenkins. Large, pure white.

Multiflora. Purplish crimson, with a white center.

Ornament. Dwarf grower; pale pink, with a crimson eye.

Peachblow. Blush.

Professor Schlieman. Salmon-rose, carmine eye.

Purity. White.

Rendatler. Grayish purple.

Richard Wallace. White, with pink center.

The Pearl. Pure white, splendid heads; a tall grower and desirable sort.

Phlox subulata. MOSS, or MOUNTAIN PINK. A low-growing, half-creeping evergreen, that is buried in very early spring beneath a multitude of little flowers. It is a splendid thing for a ground cover in barren places, for rockeries, graves and bedding. We offer two varieties.

var. alba. White flowers.

var. rosea. Pink flowers.

PHYSOSTEGIA Virginica. Soft pink; showy.

var. denticulata. Very delicate pink.

PLATYCODON. BALLOON-FLOWER, or CHINESE BELL-FLOWER.

P. grandiflora. Resembles the Campanula in appearance, and blooms continuously from June until October. Grows about 2 feet high. The flowers are 1 to 1½ inches across and bell-shaped. Usually a deep blue, sometimes white.

P. Japonica flore pleno. Double flowers, otherwise same as above.

PRIMULA veris. ENGLISH COWSLIP. A favorite, low-growing plant, whose flowers include a wide range of colors. We offer a fine strain.

P. vulgaris. ENGLISH PRIMROSE. Bright yellow, fragrant flowers, very early in the spring.

PYRETHRUM hybridum. June. Flowers resemble the asters, and vary in color from white to shades of pink, red and purple. Feathery foliage.

RUDBECKIA. GOLDEN GLOW. From July to September the tall, swaying stems are aglow with golden yellow dahlia-like flowers. Strong, robust grower 5 or 6 feet.

SEDUM spectabile. BRILLIANT STONECROP. A stout, heavy-looking plant, with broad, oval, light green leaves. Grows about 18 inches high and bears handsome heads of rose-colored flowers in late summer and early fall.

STOKESIA Cyanea. Familiarly known as the Cornflower Aster. Grows 18 to 24 inches high, and from July until October it bears large double flowers often 4 to 5 inches across. They are lavender-blue in color and very pretty.

Except where otherwise noted, the price of all our Hardy Perennial plants is 15 cts. each, $1.50 per doz., $10 per 100

Hardy Fruits

APPLES

5 to 6 feet, ¾ to 1 inch caliper, 35 cts. each, $3.50 per doz., $25 per 100

EARLY APPLES

Early Harvest. Very early; medium size, straw-color, splendid flavor.

Gravenstein. Autumn. Large; yellow, striped with red. Among the best.

Maiden's Blush. Pale yellow, with blush cheek; good for cooking.

Oldenburg. Streaked with red and yellow, tender and juicy. Good for cooking.

Red Astrachan. Very early; crimson, streaked with yellow; juicy and desirable.

Smokehouse. September. Large; red and yellow; splendid for eating.

Williams Early Red. A promising new kind of good size and quality.

Yellow Transparent. August. Yellow, juicy and desirable.

LATE APPLES

American Golden Russet. High-flavored and spicy; good keeper.

Baldwin. Large, deep red; very productive and desirable.

Ben Davis (New York Pippin). Bright red and juicy; valued for commercial purposes.

Bellefleur. Large, yellow, with red cheek; juicy and splendid for eating.

Bismarck. A German Apple with large brilliant fruits.

Fall Pippin. Autumn. Tender mellow Apple, of yellow color.

Grimes Golden. Yellow Apple of the best quality; good keeper.

King of Tompkins Co. Large, red; productive and good for cooking or eating.

Northern Spy. Pale yellow striped with red; good keeper and a splendid Apple.

Smith Cider. Popular late-keeping red Apple; prolific bearer.

Wealthy. Late fall. Red, streaked with white; good.

Winesap. A fine red winter Apple that is productive.

York Imperial. Large, red Apple of agreeable flavor; desirable.

CRAB APPLES

35 cts. each, $3.50 per doz.

Hyslop. Beautiful in flower; large dark crimson fruit.

Martha. Yellow, shaded with red. A prolific bearer.

Transcendent. September. Large, yellow and red; very productive.

APRICOTS

40 cts. each, $4 per doz.

Harris. Large, golden yellow fruits; early in July.

Moorpark. First of August. Firm, juicy fruit of darker color than the above.

Nicholas. A productive Russian variety ripening at the close of July.

CHERRIES

5 to 6 feet, ¾ to 1 inch caliper, 60c. ea., $6 per doz.

Black Eagle. Large, productive; deep black; sweet Cherry of fine quality.

Black Tartarian. Big, dark red, or black Cherry; of splendid flavor.

Downer's Late Red. Dark red, of agreeable flavor, and keeps well on the tree.

Early Richmond. A very productive pie or sour Cherry that is prized for cooking and preserving.

Elton. Sweet and large, yellow, touched with red.

English Morello. A late red, sour variety that is valued for culinary purposes.

Governor Wood. Large white Cherry, shaded with red; sweet and delicious.

May Duke. A favorite early variety with slightly acid, red fruit; valuable for cooking and preserving.

Montmorency. Large, red tart fruit; very prolific and desirable.

Napoleon. A large, sweet, white Cherry with red cheeks.

Windsor. Large, dark red; late and sweet.

Yellow Spanish. Pale yellow with a red cheek; firm fruit of excellent flavor.

MULBERRIES

For prices and descriptions, see page 33.

NECTARINES

40 cts. each, $4 per doz.

Downton. White, with red cheek; highly flavored.

BLACK TARTARIAN CHERRY

PEACHES

Extra-heavy, 5 to 6 feet, 20 cts. each, $2 per doz., $12 per 100

Alexander. July and August. Greenish white spotted with deep red; firm, sweet and juicy. Slightly clingstone; very productive.

Champion. August. Firm, white, freestone Peach that is rich, sweet and juicy.

Crawford's Early. August and September. A large, yellow Peach of splendid quality; strong grower and prolific fruiter.

Crawford's Late. Last of September. Large, yellow freestone Peach of the best quality. A prolific bearer and a most popular variety.

Crosby. September. Medium-sized, yellow with streaks of carmine; of good quality and hardiest variety known.

Elberta. August. A very large, yellow freestone Peach, that is rich, sweet and juicy. A vigorous grower and splendid sort for eating or preserving.

Globe. Last of September. Large, golden yellow with red cheek, of sweet and luscious flavor; a desirable freestone variety.

Morris White. September. Firm, medium size, white Peach, sweet and juicy.

Mountain Rose. August. Large, red freestone Peach with white flesh; rich, juicy and sweet. One of the very best early varieties.

Oldmixon Free. Large, yellowish white, freestone, of excellent flavor and productive.

Reeves' Favorite. August. Large, yellow, with fine, red cheek; delicious, juicy; splendid sort.

Stephen's Rareripe. September. Large, handsome, white Peach of finest quality; a regular bearer.

Stump the World. Large, freestone; white, with red cheek; firm, juicy and of excellent quality.

PEARS

SUMMER PEARS

5 to 6 feet, ¾ to 1 inch caliper, 50c. each, $5 per doz.

Bartlett. September. A popular variety with large yellow fruit; sweet and juicy; excellent for eating or preserving; a prolific bearer and strong grower.

Clapp's Favorite. August and September. Large, pale yellow, with crimson cheek. Abundant fruit; fine for eating. Pick early and ripen indoors.

Doyenne d'Ete. July. Small, yellow, shaded red; good.

Osband's Summer. August. Medium-sized; yellow, with reddish brown cheek

AUTUMN PEARS

Belle Lucrative. September and October. Medium-sized, pale yellowish green, juicy and good.

Beurre d'Anjou. October and November. Large, russet-yellow; good-tasted and productive sort.

Buffum. October. Large, russet, of splendid flavor.

Duchesse d'Angouleme. October. Large greenish yellow; rich and juicy. Desirable sort.

Flemish Beauty. September and October. Large, greenish yellow, sweet and juicy.

Seckel. September and October. A little brown Pear exceptionally sweet and juicy.

Sheldon. October. Large, russet and red; rich, melting and juicy, fine flavored.

Worden-Seckel. September and October. Resembles the old-fashioned Seckel Pear, is equally as good and larger.

WINTER PEARS

Duchesse de Bordeaux. October. Yellow, with russet cheek, sweet and good ; late keeper.

Kieffer. October and November. Very vigorous and productive; even when young. Large, yellow, fine for preserving ; good keeper and valuable commercial Pear.

Lawrence. November to January. Rather large, yellow Pear, of splendid rich flavor.

DWARF PEARS

40 cts. each, $4 per doz.

Duchesse d'Angouleme. October. Large, greenish yellow Pear, rich and juicy ; desirable sort.

Bartlett. September. Familiar large, yellow Pear, that is splendid for eating or cooking.

Beurre d'Anjou. October to December. Large, russet-yellow, of excellent flavor ; productive and a good keeper.

Louise Bonne de Jersey. October. Large, greenish yellow with red cheek, juicy and good-tasted.

Seckel. September and October. A little, brown Pear, exceptionally sweet and juicy, delicious for eating.

PERSIMMONS

American. Our native species, which bears so abundantly. 40 cts. each, $4 per doz.

PLUMS

50 cts. each, $5 per doz.

Imperial Gage. Middle of August. Good-sized freestone, greenish in color, sweet and juicy ; desirable and productive.

PLUMS, continued

Lombard. Last of August. Violet-red; yellow flesh, agreeable flavor, vigorous and bountiful fruiter.

Yellow Gage. August. Medium-sized, yellow, rich and juicy ; an excellent, productive variety.

JAPAN PLUMS

Abundance. August. Large ; red skin, yellow flesh ; sweet, rich and good-tasted.

Burbank. August. Red ; valuable domestic sort, with sweet, rich, yellow-fleshed fruit of good size.

Hale. September. Large and handsome, yellow blushed with red. Vigorous grower and productive ; splendid sort.

Satsuma. August. Good quality, vigorous habit ; purple and red.

Wickson. September. Dark red, good size, agreeable flavor. Very productive.

QUINCES

40 cts. each, $4 per doz.

Champion. October. Large and productive ; splendid for cooking and a good keeper.

Orange, or **Apple.** September. Large, handsome fruit of good quality ; a popular sort.

CURRANTS

$1.25 per doz., $8 per 100

Black Naples. A vigorous black-fruited variety.

Cherry. Large, scarlet, of excellent quality ; productive.

Fay's Prolific. Large red ; more mild than above.

Pomona. Bright red, good keeper, few seeds, nice quality.

Versailles. Equally good and similar to the Cherry Currant.

BLACKBERRIES

$1 per doz., $4 per 100

Erie. Early, hardy and productive. Large, sweet fruit of excellent quality.

Rathbun. Heavy bearer ; extra large of good quality.

Snyder. Medium-sized berries ; very productive and exceptionally sweet and good.

GRAPES

2 years, 25 cts. each, $2.50 per doz., $15 per 100

Agawam. Red ; large, sweet and desirable.

Campbell's Early. Black , large bunches ; good quality.

Catawba. Late red ; medium-sized, productive, sweet variety.

Concord. Blue ; familiar sort that produces large bunches of blue berries of delicious flavor.

Delaware. Red ; small, compact bunches of delicious fruit.

Hartford Prolific. Black ; early ; fair quality.

Moore's Diamond. White, handsome, compact bunches ; early.

Niagara. White, large, compact bunches ; sweet, delicious flavor.

Worden. Black, large clusters, big berries ; sweet, agreeable flavor.

GOOSEBERRIES

Downing. Very large; whitish green; excellent for domestic use. 2 years, $1.50 per doz., $8 per 100.

Industry. Dark red; excellent sort; very productive. 2 years, $2.50 per doz., $12 per 100.

Smith's Improved. Large, yellow, fine quality, sweet and good. 2 years, $1.50 per doz., $8 per 100.

RASPBERRIES

$1 per doz., $3 per 100

Cuthbert. Late red, large, firm, sweet and luscious.

Golden Queen. Yellow fruit; in other respects similar to Cuthbert.

Gregg. Large, early black variety of splendid quality.

Loudon. A moderately early red sort with fruit of excellent quality.

Marlboro. Handsome red berry of good quality.

STRAWBERRIES

$2 per 100, $5 per 1,000

EARLY

Crescent. Very productive, and stands hardship; small fruit of fair quality.

Early Hathaway. New; large fruit of good quality.

Excelsior. Very early, firm and large.

Marshall. Large and early.

MID-SEASON STRAWBERRIES

*__Bubach.__ Very large and productive, quality fair.

Clyde. Very fruitful, small berry; bright red in color and very showy.

*__Sample.__ Good quality, large berry; valuable for extending the season.

Sharpless. A favorite, sweet berry and reliable sort.

Wm. Belt. Vigorous, good-tasted, satisfactory sort.

*__Warfield.__ Enormously productive. Medium-sized, good quality.

LATE

Aroma. Popular, large, excellent quality.

Brandywine. Reliable, medium-sized, sweet berry.

Gandy. Popular late sort, of desirable qualities. Is very profitable in some sections.

Haverland. Firm berry of good quality.

Nick Ohmer. A fine sort with large berries of delicious flavor.

*Varieties with imperfect flowers that should be planted near perfect varieties.

On account of the perishable condition of Strawberry Plants, we advise that they should be shipped by express. Our Strawberry plants quoted herein are put up especially for the retail trade, and are large and finely rooted.

Vegetable Roots and Plants

ASPARAGUS—2-yr., $1 per 100, $5 per 1,000.

Barr's Mammoth. Large, green variety that is a strong grower; splendid market sort.

Columbian Mammoth. A vigorous grower of excellent quality with white shoots.

Donald's Elmira. Large tender green shoots of good quality.

Dreer's Eclipse. Tender, light green; very productive.

Asparagus, Palmetto. Claimed to be better than Conover's Colossal, as it yields a heavier crop, that is equally desirable.

HOP VINES. 15 cts. each, $1.50 per doz.

HORSE-RADISH. 25 cts. per doz., $1 per 100, $5 per 1,000.

RHUBARB, or **PIE PLANT.** 20 cts. each, $1.50 per doz., $10 per 100.

Nuts

ALMONDS, Hard or Soft Shell. 40c. ea., $4 per doz.

CHESTNUTS, American Sweet. Our native sort.
4–5 ft., 50 cts. each, $5 per doz.
5–6 ft., 75 cts. each, $6 per doz.

Japan Giant. Large nuts; bears when young, but not so sweet and tender as the common variety.
$1.50 each, $15 per doz.

Paragon. Large nuts, of good quality; prolific bearer.
$1.50 each, $15 per doz.

FILBERT, English. Nuts large and of good flavor.
50 cts. each, $5 per doz.

PECAN, Paper Shell. Beautiful, rapid-growing tree, producing oblong, sweet nuts of good quality.
50 cts. each, $5 per doz.

SHELLBARK HICKORY, Thin Shell.
50 cts. each, $5 per doz.

WALNUTS, Black. The well-known native species, that makes a grand tree which is very ornamental as well as useful for the abundance of nuts that it bears.
3–4 ft., 50 cts. each, $5 per doz.
4–5 ft., 75 cts. each, $6 per doz.

English. The thin-shelled variety, which is sold at the fruit-stands. In sheltered situations the tree is a vigorous grower, and in many localities very productive.
2–3 ft., 50 cts. each, $4.50 per doz.
3–4 ft., 75 cts. each, $6 per doz.

Japan. Hardy; the meat is sweet, shell thinner than common Walnuts.
75 cts. each, $6 per doz.

White Walnut, or **Butternut.**
4–5 ft., 50 cts. each, $4.50 per doz.

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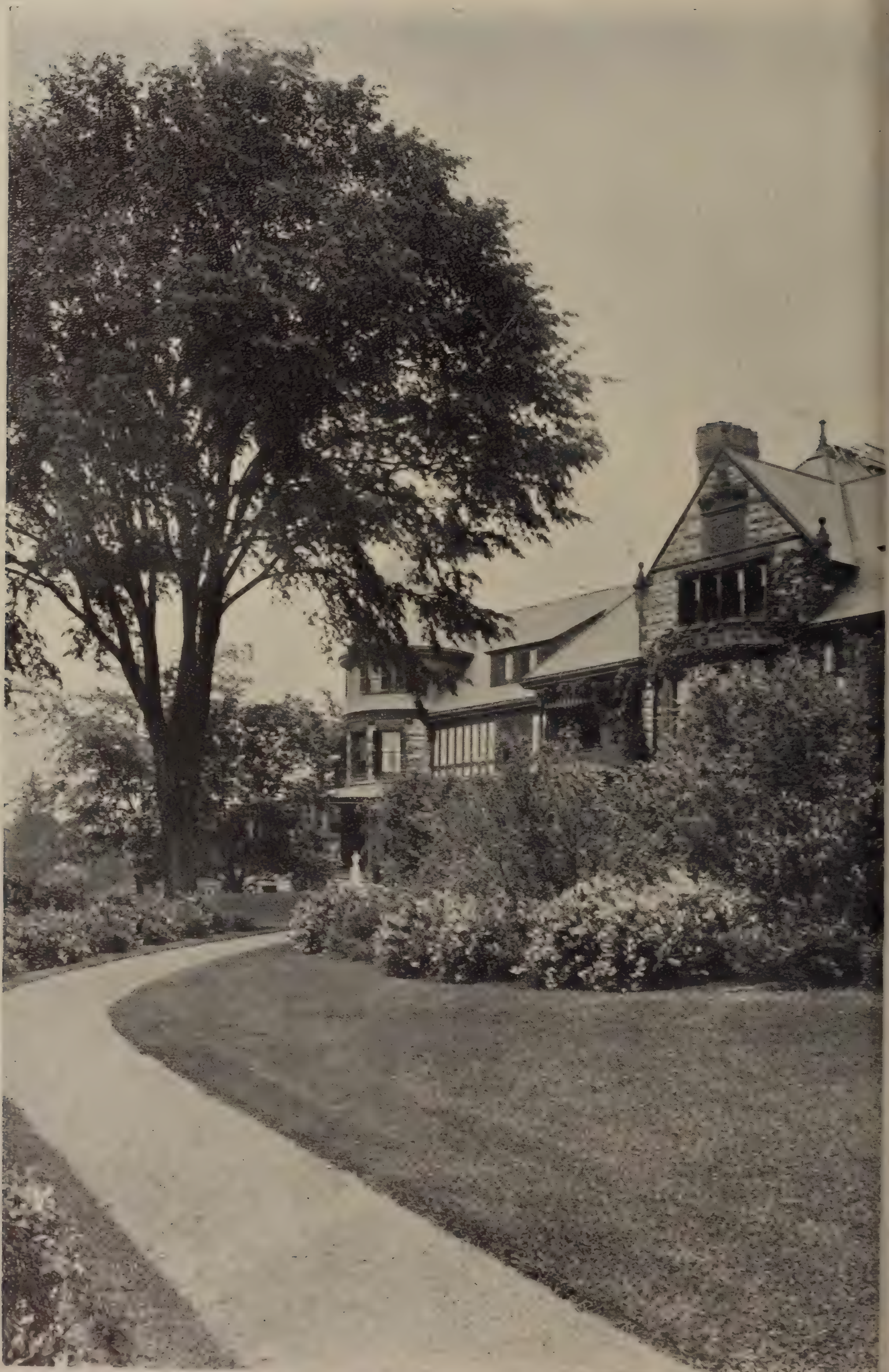
THE WM. H. MOON CO.
GLENWOOD NURSERIES
MORRISVILLE, PENNSYLVANIA

MOON'S

IARDY TREES AND PLANTS
OR EVERY PLACE AND PURPOSE

1908

THE WM. H. MOON COMPANY
MORRISVILLE, PENNSYLVANIA
PHILADELPHIA OFFICE, 616 STEPHEN GIRARD BUILDING



This grand native Elm lends dignity, while the mixed planting effectually hides the service part of the house and helps to make the walk more interesting

THE WM. H. MOON COMPANY

Glenwood Nurseries

MORRISVILLE · PENNSYLVANIA

PHILADELPHIA OFFICE
616 STEPHEN GIRARD BUILDING, 21 SOUTH TWELFTH STREET

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Besides assisting in planning this garden, we supplied and planted the stock in it

Successful Landscape Planting

In planting a new lawn, or in remodeling an old one, it is best to have an expert acquainted wit trees and plants to help in arranging them in the most artistic and effective way. Let us, who have ha so much experience in planting lawns, assist in making yours. You will get better results for the mone expended and will be saved the expense and disappointment of planting things unsuited for your location and soil.

The groupings of flowers and shrubbery, or the location of trees, must be so placed that they wi produce a harmonious whole that makes the lawn abound in interest and beauty. At the same tim they must fulfil their mission of giving shade or hiding from view some unsightly object ; framing som vista with foliage, making a display of flowers and enhancing the beauty of the place to the owner' satisfaction.

Consult us about planting plans that will help you to get such results. We solicit correspondenc with all who contemplate improving and beautifying their grounds, whether it be on the lawn of th modest home or on the larger estates.

THE WM. H. MOON COMPANY

Landscape Department
21 SOUTH TWELFTH STREET
PHILADELPHIA, PA.

Nurseries at
Morrisville, Pa.

Foreword

THIRTY-SIX years ago, William H. Moon started the Glenwood Nurseries with twenty acres of trees; today we own and operate upwards of three hundred acres. At first there were a few local customers, now we have thousands of patrons, and "Moon's Trees" are growing in every state and territory of the Union. The raising of trees and shrubs for ornamental purposes has always been our specialty. Our assortment is unsurpassed; it now contains upwards of eighteen hundred different varieties—the best exotic and native sorts. We know that people do not want weak, inferior or diseased plants to eke out an existence on their lawns or to contaminate the ones that they already have. Through the year forces of men are busily engaged going about our Nurseries giving needed attention to our stock. The trimming and training of our trees to make straight stems and bushy, symmetrical heads is diligently attended to. The frequent cultivation of the soil about the roots and fertilizing of such plants as need food is regularly done to keep our stock in strong, healthy, growing condition. A vigilant lookout is at all times kept for the attacks of disease and insects, and every effort is used to rid our stock of such injurious pests. Quality is paramount with us; to raise the very choicest Nursery products, our aim.

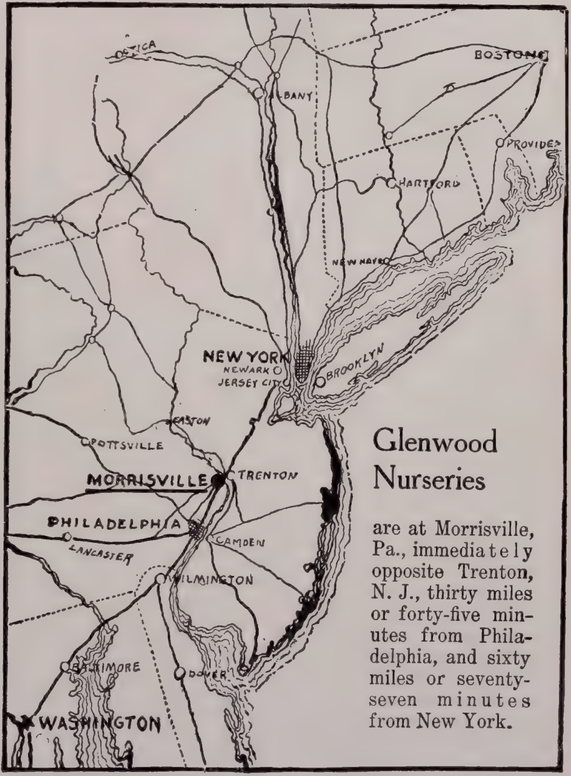
Evergreens are our leading specialty. Just about all the varieties that can be grown in this latitude are in stock. There are also many handsome individual specimens that will produce an immediate effect. Nowhere else is such a collection of evergreens to be found, Ornamental Trees, Deciduous Shrubs, Hardy Roses, Decorative Vines and Old-fashioned Perennial Plants are grown in lavish quantities and profusion of variety. Some plant for every place and purpose can be found in our collection.

The getting together of such a stock has required years of careful, persistent research and toil, for we have striven for superiority of quality and genuineness of variety in all branches of our trade; and we now invite your inspection of our Nurseries on any day except the Sabbath. A much better idea of our stock can be gained in this way than from the most explicit descriptive catalogue.

How to Reach the Glenwood Nurseries

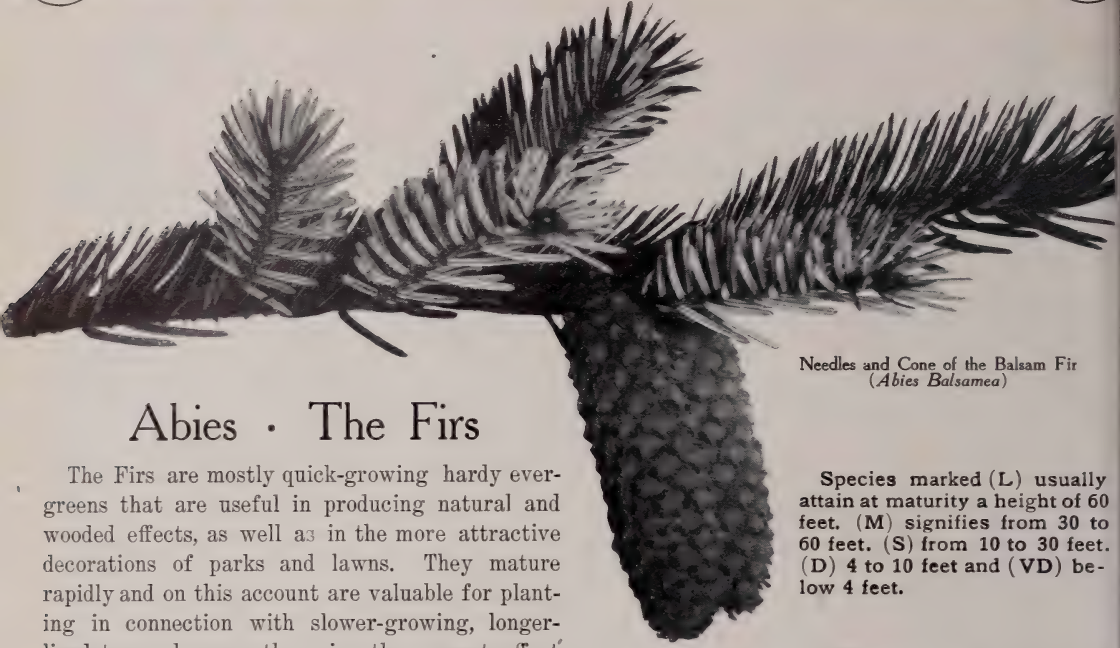
The accompanying map shows the central location of the Glenwood Nurseries, near Morrisville, Bucks county, Pa., accessible by train or trolley from New York or Philadelphia. Easiest reached by Pennsylvania railroad trains to Trenton, N. J., and thence by carriage that may be secured at the depot, or by trolley from Warren and Hanover streets (Trenton). All trolleys from this point for Yardley, Pa., pass our Nurseries (1½ miles distant) ten or fifteen minutes out from Trenton, N. J. Persons along the line of the Philadelphia and Reading railroad may come to Yardley, Pa., and from there reach our Nurseries after a short trolley ride.

Our Philadelphia office is located at 616 Stephen Girard Building, 21 South 12th street, Philadelphia, Pa., where full information regarding our stock can also be obtained.



Glenwood Nurseries

are at Morrisville, Pa., immediately opposite Trenton, N. J., thirty miles or forty-five minutes from Philadelphia, and sixty miles or seventy-seven minutes from New York.



Needles and Cone of the Balsam Fir
(*Abies Balsamea*)

Abies · The Firs

The Firs are mostly quick-growing hardy evergreens that are useful in producing natural and wooded effects, as well as in the more attractive decorations of parks and lawns. They mature rapidly and on this account are valuable for planting in connection with slower-growing, longer-lived trees; because they give the prompt effect and are ready to give place to the slower-growing permanent trees when they mature. The soft, deep green needles of most varieties are fragrant with balsamic odors. Much used for grouping, specimens, windbreaks and hedging.

Species marked (L) usually attain at maturity a height of 60 feet. (M) signifies from 30 to 60 feet. (S) from 10 to 30 feet. (D) 4 to 10 feet and (VD) below 4 feet.

Abies Apollinis. (M) Olive-green needles with a silvery under surface. Shapely tree of good habit, similar to the familiar Nordmann's Fir. 1½ to 2 ft., $1.50; 5 to 8 ft. specimens, $10 to $20.

A. balsamea. BALSAM FIR. (M) An ornamental native of our forests that is very hardy; has dark green needles of pleasant fragrance; grows rapidly when young and does well in moist soils.

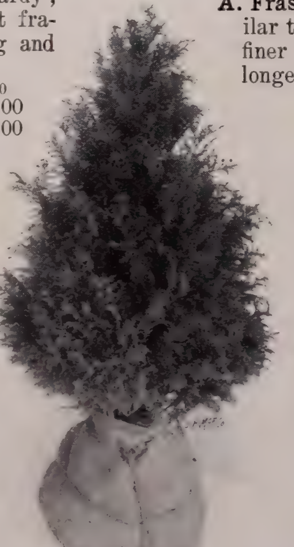
	Each	10	100
2 to 2½ ft. . . .	$1 00	$7 50	$65 00
3 to 4 ft. . . .	1 50	12 50	110 00
4 to 5 ft. . . .	2 00	17 50	

A. Canadensis. HEMLOCK SPRUCE. (See *Tsuga Canadensis*, page 15.)

A. Cephalonica. CEPHALONIAN FIR. (M) Grecian tree similar to Nordman's Fir. Broad, handsome habit, makes good specimens. 3 to 3½ ft., $4.

A. Cilicia. (L) A beautiful rare tree with fine dark green leaves that are silvery white beneath. 3 to 3½ ft., $3.

A. concolor. WHITE FIR. (L) Even the Blue Spruce does not excel this magnificent tree. It grows rapidly and forms grand specimens. The needles are large and stiff and usually of a silvery glaucous color. 3 to 4 ft., $4.



One of our quality Evergreens dug with ball of earth and bagged: ready packed for shipment

A. excelsa. NORWAY SPRUCE. (See *Picea excelsa*, page 7.)

A. firma. JAPANESE SILVER FIR. (M) Odd and rare. Dark lustrous needles. 3 to 4 ft., $2 to $3.50; 6 to 8 ft., $5 to $8.

A. Fraseri. DOUBLE BALSAM FIR. (L) Similar to the well-known Balsam Fir, but of finer habit, with darker foliage and of longer life. Quick-growing. Desirable.

	Each	10	100
1½ to 2 ft. .	$0 50	$4 00	$30 00
2 to 2½ ft. .	75	6 00	50 00
4 to 5 ft. .	2 50		
5 to 6 ft. .	3 00		

A. nobilis, var. glauca. NOBLE SILVER FIR. (L) A beautiful conifer whose foliage is a silvery blue. It is particularly handsome in the spring. 2 to 2½ ft., $2.50; 3 to 3½ ft., $3.50.

A. Nordmanniana. NORDMANN'S FIR. (L) Thick, dense tree of fine proportions. The needles are wide, dark green and lustrous, with a silvery under surface that sparkles in the sun. This is one of the prettiest and best evergreens that we offer. It is handsome as a specimen or for grouping.

	Each	10
3 to 4 feet	$3 50	$30 00
4 to 5 feet	5 00	40 00
5 to 6 ft. . .	$6 to 10 00	
6 to 8 ft. .	$10 to 20 00	

Abies pectinata. EUROPEAN SILVER FIR. (L) It is valued for many purposes and admired for the glossy dark green needles that are silvery white beneath. As a specimen tree on the lawn it is very artistic and effective.

	Each	10	100
1½ to 2 ft.	$0 50	$4 00	$30 00
2 to 2½ ft.	75	6 00	50 00
2½ to 3 ft.	1 00	7 50	60 00
3 to 4 ft.	1 50	12 50	
6 to 8 ft.	$4 to 7 00		

Abies pectinata, var. pendula. Weeping form of the preceding. 5 to 7 ft., $10 to $12.

A. Pichta; syn., **Sibirica.** (M) 7 to 8 ft., $12.

A. Pinsapo. (M) Stiff branches; distinct habit; thrives best in the South. 2 ft., $1.50.

A. Veitchii. (L) A magnificent tree of splendid habit. The needles are dark lustrous green above and silvery white beneath. Hardy and a good grower. 2½ to 3 ft., $2.50; 4 to 5 ft., $4.

Biotas, or Chinese Arborvitæs

These Arborvitæs, introduced from the orient, have proven to be strong growers and handsome specimens. North of New York City they should be planted in sheltered places.

Biota orientalis. CHINESE ARBORVITÆ. (S) Deep green, soft feathery foliage and pyramidal habit. An openness of foliage and grace of habit make it distinct from the American species.

	Each	10
2 to 2½ ft.	$0 50	$4 00
2½ to 3 ft.	60	5 00
5 to 8 ft.	$2.50 to 4 00	

var. aurea. GOLDEN CHINESE ARBORVITÆ. (D) A dense, compact evergreen that is yellowish green in the spring and a bright green later in the season. 1 to 2 ft., $1.50 to $2.50.

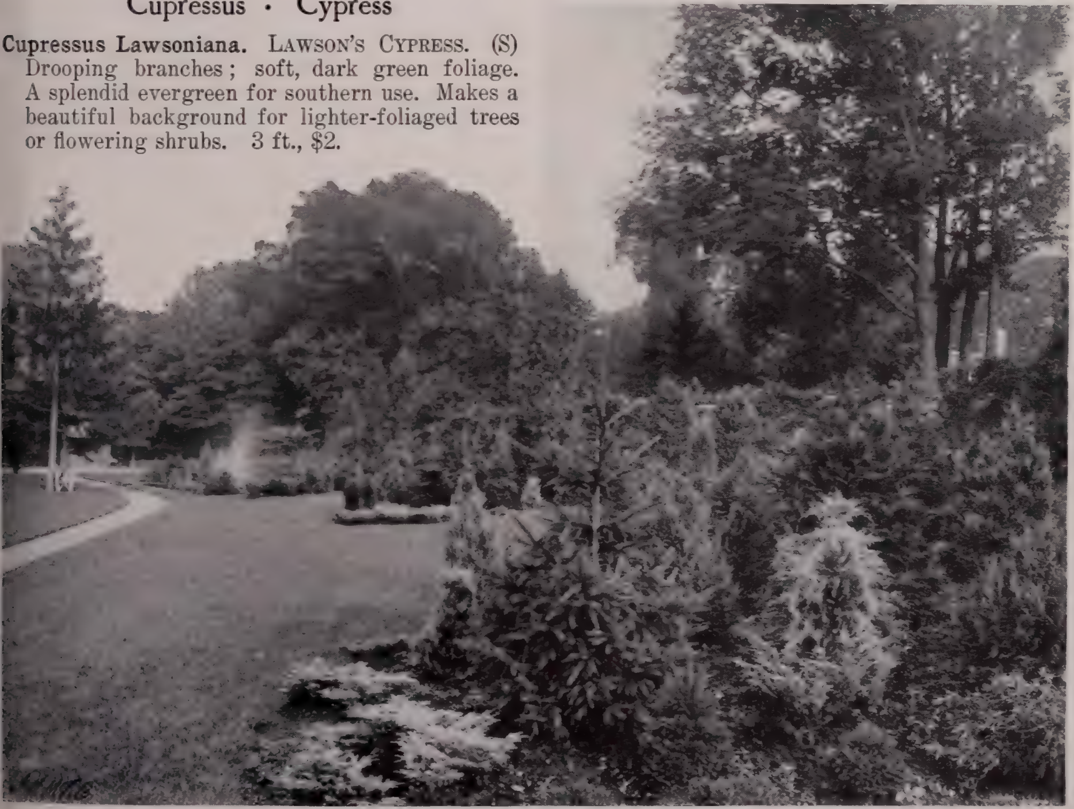
Biota orientalis, var. aurea nana. BERCKMAN'S GOLDEN ARBORVITÆ. (D) Splendid dwarf golden sort. 2 ft., $1.50.

var. elegantissima. ROLLINSON'S GOLDEN ARBORVITÆ. (S) A golden pyramidal form of splendid habit and beauty. 3 to 6 ft., specimens, $4 to $7.50.

var. semperaurescens. EVER-GOLDEN ARBORVITÆ. (D) A very compact, low-growing form, with bright golden foliage in summer that changes to a bronze color in winter. 1½ to 2 ft., $2; 2 to 2½ ft., $2.50.

Cupressus · Cypress

Cupressus Lawsoniana. LAWSON'S CYPRESS. (S) Drooping branches; soft, dark green foliage. A splendid evergreen for southern use. Makes a beautiful background for lighter-foliaged trees or flowering shrubs. 3 ft., $2.



Border of Evergreens. We can produce such results at once

Cedrus · Cedars

These are the true Cedars. They are not entirely hardy north of Philadelphia, except in sheltered positions. They grow into beautiful trees. On lawns and public grounds they are very ornamental, and where possible, we recommend their more general use.

Cedrus Atlantica, var. glauca. MT. ATLAS SILVER CEDAR. (M) A rare pyramidal tree with open branches and light bluish foliage. Attractive. 4 to 5 ft., $4.

C. Libani. CEDAR OF LEBANON. (M) An interesting tree of open habit and with horizontal branches Unfortunately not very hardy in northern places. 2 ft., $2.

Juniperus · The Junipers and Cedars

A group remarkable for the varied forms it embraces. Trees of medium heights down to the smallest dwarfs are included here, while different green, yellow and silvery hues characterize the foliage. Junipers possess remarkable vigor and thrive in bleak, barren situations; in poor, stony soils; in low, damp ground; at the seashore, or almost anywhere. The columnar forms are valued for formal effects, or to break the monotonous outline of other trees; the trailing ones for rocky slopes and sandbanks. Also used in groups, borders and for individual planting.

Juniperus Canadensis. (VD) Low spreading habit. 1 to 1½ ft., $1 each, $9 for 10; 2 to 3 ft., specimens, $3 to $4.

var. aurea; syn., **Douglasii.** DOUGLAS' DWARF GOLDEN JUNIPER. (VD) A low, spreading form with golden yellow foliage that turns a beautiful bronze in winter. It is very showy as an edging and beautiful in groups and rockeries, or wherever a hardy little golden evergreen is needed.

	Each	10	100
10 to 12 in. x 10 to 12 in. .	$0 50	$4 00	$35 00
12 to 15 in. x 15 to 20 in. .	1 00	7 50	60 00
15 to 18 in. x 15 to 20 in. .	1 25	10 00	80 00
18 to 24 in. x 20 to 30 in. .	$1.50 to $2 each		

Hedge of Norway Spruce (*Picea excelsa*), page **7**, at Glenwood. It is as strong as a fence and many times more beautiful

Juniperus Chinensis. CHINESE JUNIPER. (S) An upright form with pretty grayish green foliage. 3 to 4 ft., specimens, $5.

var. aurea. GOLDEN CHINESE JUNIPER. (D) 1 to 1½ ft., $1.25; 2½ to 3 ft., $2.50 ea., $20 for 10.

J. communis, var. Hibernica. IRISH JUNIPER. (S) A slender, columnar form, with glaucous green foliage. Very useful in formal plantings, for groupings with other evergreens and for small yards, rockeries and cemeteries.

	Each	10	100
1½ to 2 ft.	$0 50	$3 50	$20 00
2 to 3 ft.	75	5 00	40 00

var. pyramidalis. PYRAMIDAL JUNIPER. (S) Similar in habit to the above, but a taller and more rapid grower; less dense, lighter color.

	Each	10	100
1½ to 2 ft. .	$0 50	$4 00	$35 00
2 to 2½ ft. .	75	6 00	50 00
2½ to 3 ft. .	1 00	7 50	60 00

var. Suecica. SWEDISH JUNIPER. (S) Very hardy; closely resembles *J. Hibernica*, but has a lighter and greener tint to its foliage.

	Each	10	100
1½ to 2 ft. .	$0 50	$3 50	$30 00
2 to 3 ft. .	1 25		

J. excelsa, var. stricta variegata. (S) A desirable variety of conical form with grayish green foliage spotted with branchlets of creamy white. 1 to 1½ ft., $1.25 each, $10 for 10; 4 to 5 ft., $6.

J. Japonica. JAPANESE JUNIPER. (D) A half-erect half-prostrate form, with soft, glaucous light green foliage. 2½ to 3 ft., $3.

var. aurea. GOLDEN JAPANESE JUNIPER. (D) The bright golden color lasts all winter. 3 to 3½ ft., $4; 4 to 4½ ft., $6.

uniperus prostrata; syn., **J. procumbens.** A dark green trailing form, suited for a ground cover or rock and bank plantings. 1 to 1½ ft., $1.50 each, $12.50 for 10.

. Sabina. SAVIN JUNIPER. (VD) Another spreading form, with deep dark green foliage. Very valuable for rockeries, grouping and borders, making a pleasant contrast to other low-growing trees.

	Each	10	100
10 to 12 in.	$0 50	$4 00	$35 00
12 to 15 in.	75	6 00	50 00

J. Virginiana. RED CEDAR. (M) This is a common tree, that grows wild along roadsides and on stony barren places. It is excellent for ornamental purposes; of medium size and pyramidal habit that suit it for tall screens, lawn specimens and formal effects. The somber hue of its foliage and the freedom with which it grows in unfertile places are valuable qualities.

	Each	10
4 to 4½ ft.	$3 00	$25 00
4½ to 5 ft.	3 50	30 00

var. elegantissima. (M) An odd golden form of the above. 2 ft., $2 each, $17.50 for 10.

var. glauca. BLUE VIRGINIA CEDAR. Similar to the above. Beautiful blue glaucous foliage.

2 to 3 ft. . . . . $1.50 each

Picea · Spruces

Probably better known and more largely planted than any other family of evergreens. The Spruces are hardy, rapid-growing trees; reliable in almost any location. They mature quickly and live to a good old age. They make beautiful trees when planted individually, and in groups and collections they are just as effective.

Picea alba. WHITE SPRUCE. (L) Blue grayish needles otherwise similar to the more familiar Norway Spruce or *Picea excelsa.*

	Each	10
1½ to 2 ft.	$0 75	$5 00
2 to 2½ ft.	1 00	7 50
2½ to 3 ft.	1 25	10 00

var. aurea. GOLDEN SPRUCE. A novelty among Spruces, with bright golden needles in spring that grow darker as the season advances. 2 to 6 ft., $2 to $8.

P. Alcockiana. ALCOCK'S SPRUCE. (M) Slender branches and upright growth. Beautiful with its short, dark green needles that are silvery blue on their under surface. 2 to 3½ ft., $2 to $3.50.

P. Englemanni. COLORADO SPRUCE. (M) Resembles the familiar Blue Spruce in the bluish green of its foliage. The needles are short and soft. A compact-growing tree, that retains its lower branches and makes beautiful specimens for solitary planting about the lawn. 3 to 4 ft., $4 each, $35 for 10; 5 to 8 ft. specimens, $12 to $25.

P. excelsa. NORWAY SPRUCE. (L) This familiar Spruce is more generally useful than any of the others. It is a rapid grower; does well in moist soils and withstands the bleak, cold winds of winter. If left untrimmed, they spread out magnificently and make desirable specimens. They make splendid windbreaks and shelter-belts. If planted as hedges and annually sheared, they become impenetrable and as good for this purpose as any evergreen we know of. It is also the cheapest.

	Each	10	100
1½ to 2 ft.	$0 50	$3 50	$25 00
2 to 3 ft.	75	6 00	40 00
3 to 4 ft.	1 25	10 00	75 00
4 to 5 ft.	2 00	17 50	150 00
5 to 6 ft.	3 00	22 50	200 00

A magnificent stock of Norway Spruce, unsurpassed in quantity or quality.

9 to 12 ft. specimens, $6 to $10.
12 to 18 ft. specimens, $10 to $30.

var. aurea magnifica. (S) Very golden form. 1½ ft., $1.50.

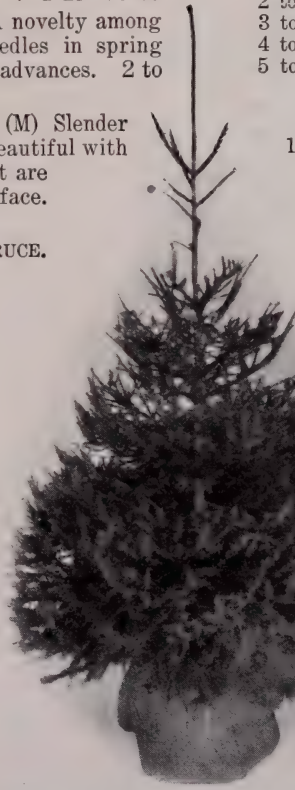
var. elata. (D) Grotesque form, with long, slender awkward branches. 3 to 4 ft., $3.

var. inverta. INVERTED SPRUCE. (S) The needles are larger and brighter than those of the species. The lateral branches sprawl about in grotesque, contorted forms. The appearance is extremely odd, and the unacquainted stop to admire this tree, which to them is a freak of nature. It is very useful on lawns and does much to break the regular outline of other evergreens.

	Each	10
1½ to 2 ft.	$1 50	$12 50
2 to 2½ ft.	2 00	17 50
2½ to 3 ft.	2 50	22 50
3 to 4 ft.	3 50	30 00
4 to 5 ft.	4 50	40 00

5 to 6 ft., $5 to $6.
6 to 8 ft., $7.50 to $12.

We always have on hand a supply of nice Inverted Spruce.



Sample of our Norway Spruce (*Picea excelsa*). Note the symmetrical shape and vigorous appearance

Picea excelsa, var. pyramidalis. PYRAMIDAL SPRUCE. (L) Foliage similar to *P. excelsa.* Habit columnar like that of the Lombardy Poplar. Unique and rare.

	Each
2½ to 3 ft.	$2 00
3 to 3½ ft.	3 00

var. Remontii. REMONT'S SPRUCE. (VD) Dwarf, compact variety, dark green foliage. 1 ft., $1.50.

P. orientalis. EASTERN SPRUCE. (S) Short, dark rich green needles of finer appearance than those of the Norway Spruce, which it resembles. Its habit is symmetrical and compact, forming a shapely pyramidal tree. It is hardy and reliable. Especially beautiful as an individual specimen.

	Each	10	100
1½ to 2 ft.	$1 50	$13 50	$125 00
2 to 2½ ft.	2 00	17 50	150 00
2½ to 3 ft.	2 25	20 00	175 00
3 to 4 ft., specimens	3 50	30 00	
4 to 5 ft., specimens, $6 to $8.			
5 to 6 ft., specimens, $8 to $12.			

Picea pungens, var. Kosteriana

Picea pungens. COLORADO SPRUCE. (M) The original form of the now famous Colorado Blue Spruce. The foliage of this tree is occasionally quite blue, but mostly a light green. It is a strong, hardy grower in almost any soil, and makes a very valuable and ornamental tree.

	Each	10	100
2 to 2½ ft.	$2 00	$17 50	$150 00
2½ to 3 ft.	2 50	22 50	200 00
3 to 4 ft., specimens	3 50	30 00	
4 to 5 ft., specimens, $4 to $6 each.			
5 to 9 ft., specimens, $8 to $35 each.			

var. glauca. BLUE COLORADO SPRUCE.

	Each
2 to 2½ ft.	$3 00
2½ to 3 ft.	5 00
3 to 4 ft.	$6 to 10 00
4 to 5 ft.	$10 to 15 00

var. Kosteriana. KOSTER'S BLUE SPRUCE. (S) The best strain of Blue Spruce. A striking light blue in color that makes this one of the finest evergreens in cultivation for individual planting and for color effect nothing equals this.

	Each
12 to 15 in.	$1 00
2½ to 3 ft.	5 00
3 to 3½ ft.	8 00
4 to 6 ft.	$10 to 20 00

var. Kosteriana pendula. WEEPING KOSTER'S SPRUCE. (M) 2 to 3 ft., $8 to $10; 4 ft., $12.

Pinus · The Pines

The Pines endure a wide range of climatic conditions. They are natives of lowlands and mountainous regions, and withstand well the cold, bleak winds to which they are subjected. They are mostly of upright habit, growing rapidly, and are not particular as to soil. Pines are very ornamental and useful on lawns and public grounds. They are so diverse in character that species may be selected for even the smallest areas as well as for vast estates. In groups, shelter-belts, or as tall screens their value is highly appreciated. We frequently root-prune our Pines so that they develop fine fibrous roots, enabling us to dig and ship them with balls of earth with very little risk in transplanting.

Pinus Austriaca. AUSTRIAN PINE. (L) A tall, massive tree, with spreading branches heavily plumed with long, stiff, dark green needles. A useful species along the coast, and grows equally well inland. Popular for groupings or as specimens.

	Each	10	100
2½ to 3 ft.	$1 50	$12 50	$100 00
3 to 3½ ft.	2 00	17 50	
3½ to 4 ft.	2 50	22 50	
4 to 5 ft.	3 50		
10 to 15 ft., $10 to $20.			

Pinus Cembra. SWISS STONE PINE. (S) A hardy, slow-growing tree of distinct conical habit. It branches symmetrically from the ground up, making a splendid specimen, although useful, too, for grouping. The needles are short and greyish blue.

	Each	10
2 to 2½ ft.	$2 00	$17 50
3 to 4 ft.	4 00	
5 to 5½ ft.	5 00	

P. excelsa. BHOTAN PINE. (L) In general appearance resembles the White Pine, but is short lived. The soft, long needles are light green and droop in graceful fringes from the long, slender branches. It rapidly becomes a tall tree and is very attractive when given room to develop.

	Each	10	100
2 to 3 ft.	$1 00	$8 00	$75 00
5 to 6 ft.	5 00	45 00	

6 to 8 ft., specimens, $5 to $10.
8 to 15 ft., specimens, $8 to $20.

Pinus Mughus, a specimen that went out from Glenwood 8 years ago

P. Mughus. MUGHO PINE. (D) This unique alpine species forms a dark, dome-shaped bush, broader than its height and sometimes almost prostrate. Valuable for planting on lawns, terraces, rockeries, barren hillsides or near the sea.

	Each	10
10 to 12 in. x 12 to 18 in. broad	$1 00	$8 00
12 to 15 in. x 12 to 18 in. broad	1 50	12 50
15 to 18 in. x 12 to 18 in. broad	2 00	17 50

P. parviflora. JAPANESE PINE. (M) 4 to 5 ft., $4.

P. resinosa. RED, or NORWAY PINE. (L) A very ornamental, hardy Pine with olive-green needles. Makes a splendid tree and should be more generally used.

	Each	10
2½ to 3 ft.	$1 50	$12 50
3 to 3½ ft.	2 00	17 50
3½ to 4 ft.	2 50	22 50

P. Strobus. WHITE PINE. (L) A grand old favorite that grows quickly and makes a most useful and beautiful ornamental tree. For specimen group or mass planting it is extensively used as well as for shade and shelter belts. The needles are soft and bluish green.

	Each	10	100
2½ to 3 ft.	$1 25	$11 00	$100 00
3 to 3½ ft.	1 50	13 50	125 00
3½ to 4 ft.	2 00	17 50	

Our White Pines are well rooted and symmetrically developed. They are a fine lot.

var. nana. (VD) Needles similar to above. Habit very low and dwarf.

	Each	10
10 to 12 in.	$1 25	$10 00

Pinus sylvestris. SCOTCH PINE. (L) A strong grower with spreading branches and short, stiff, bluish green needles. Its rapid growth makes it suited for temporary effects, though it is by no means to be despised for permanent ones. Splendid for mass plantings, screens, shelter belts and seashore use.

	Each	10	100
3 to 4 ft.	$1 50	$13 50	$125 00
4 to 5 ft.	2 50	22 50	200 00
5 to 6 ft.	3 50	30 00	
6 to 7 ft.	5 00		

Splendid stock of Scotch Pine.

P. Thunbergi. JAPANESE BLACK PINK. (M) 4 to 6 ft., $3 to $5.

Pseudotsuga

Pseudotsuga Douglasii. DOUGLAS' SPRUCE. (L) Looks like the Spruce, but botanically different. The habit is regular and symmetrical, which makes it suited for almost any purpose. The needles are soft and dark green, though sometimes glaucous.

	Each	10	100
2 to 2½ ft.	$1 25	$11 00	$100 00
2½ to 3 ft.	1 50	13 50	125 00
3 to 4 ft.	2 00	17 50	
4 to 5 ft.	3 00		

var. pendula. WEEPING DOUGLAS SPRUCE. (M) 2 ft., $1.50; 4 to 5 ft., $4 to $5.

Retinospora

Sometimes called Japan Cypress, and known botanically as Chamæcyparis. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints, and because of the pleasing feathery effect of some varieties, affording a very desirable contrast in groups of evergreens. The species generally are of pyramidal habit, vigorous growers, that thrive in most

RETINOSPORA, continued

soils and seldom attain a greater height than 40 feet. Their coloring is constant and attractive at a seasons. They are useful in all ornamental plantings, and particularly well suited for color contrast grouping, formal effects, window-boxes and vases. Occasional shearings render them more compact an brighten their distinct refined and attractive colors, individual specimens may be grown to splendi proportions, and are at all times distinctive and artistic ornaments to the lawn.

Sample of our Golden Retinsopora (*Retinospora plumosa*, var. *aurea*). Such specimens give finished results without waiting

Retinospora filicoides. Fern-like Retinospora. (S) An open form, whose soft, green leaves are borne all along the branches. A pretty, unique little evergreen that should be in all collections. 1 to 1½ ft., $1.50 each, $12.50 for 10.

R. filifera. Thread-branched Retinospora. (S) A broad, bushy tree with dark green foliage in pendulous thread-like strings. It makes a handsome specimen suited to any lawn or for grouping. Is hardy and grows well almost anywhere.

	Each	10
2 to 2½ ft.	$2 25	$20 00
2½ to 3 ft.	2 50	22 50
5 to 6 ft.	$7.50 to 10 00	

var. aurea. Golden Thread-branched Retinospora. (D) 1 ft., $1.50; 2½ ft. x 15 to 20 in. broad, $3.

Retinospora leptoclada. (S) Compact habit very dark green twisted foliage. 1½ t 2 ft., $1.50.

R. obtusa. Obtuse-leaved Retinospora (M) Of upright growth, with splendi habit. The soft green foliage arranged i flat filaments is rich in appearance. Th lower branches are retained. Suited fo specimen planting or for grouping.

	Each	10	100
1½ to 2 ft	$1 00	$7 50	$70 0
2 to 2½ ft.	1 50	12 50	
2½ to 3 ft.	2 00	17 50	

var. gracilis aurea. (S) Somewhat lik the former, but more loose and open. Th young green foliage is profusely marke with a bright golden yellow, making handsome attractive tree. 3 to 4 ft., $

var. nana. (D) A slow-growing dwar variety that attains great age. It is popu lar in Japanese gardens, and attract much attention here. The deep dark gree leaves are arranged in flattened masse that rise above one another, making dense, heavy foliage, and giving it a beau tiful individuality.

	Eac
12 to 15 in.	$1 5
15 to 18 in.	2 0
1½ to 2 ft.	2 5
2 to 2½ ft.	3 5

var. nana aurea. (D) Similar in characte to the preceding, with a clear golde colored foliage that is bright and fresh a the year. One of the choicest little golde evergreens in cultivation. 1½ to 2 ft $2.50; 2 to 2½ ft., $3.50.

R. pisifera. Pea-fruited Retinospor (M) The slender branches are open an graceful, the foliage light green abov and silvery beneath. It is one of the best Ret nosporas. 2 to 3 ft., $2.

var. aurea. Golden Pea-fruited Retinospor (S) A bright, golden evergreen with light air foliage. It holds its color constantly, and handsome for contrasts in groups or individuall as a specimen.

	Each	10
2 to 2½ ft.	$1 50	$12 5
2½ to 3 ft.	2 00	17 5
3 to 4 ft.	2 50	22 5
4 to 5 ft.	4 00	35 (
5 to 6 ft., specimens	$5 to 8 00	

R. plumosa. Plume-like, or simply Green Ret nospora. (S) Of conical outline with ligh feathery green foliage. It stands shearing wel and if frequently pruned becomes compact an

tinospora plumosa, continued

dense. It is useful in groups, beds, or for vases and window-boxes.

	Each	10	100
2 to 2½ ft.	$1 50	$13 50	$125 00
2½ to 3 ft.	2 00	17 50	150 00
3 to 3½ ft.	3 50	30 00	
3½ to 4 ft.	4 00	35 00	
4 to 5 ft.	$5 to 8 00		
5 to 6 ft.	$7.50 to 10 00		
6 to 7 ft.	$8 to 15 00		
8 to 12 ft.	$15 to 30 00		

These Retinosporas are symmetrical cone-shaped plants, all of them splendidly furnished and as dense and compact as can be.

var. aurea. GOLDEN RETINOSPORA. (S) The most popular and generally useful of all the golden evergreens. In character it resembles the *R. plumosa*. Is especially ornamental, and the soft, plume-like golden foliage is particularly bright in spring. It remains a deep yellow even through the winter. When pruned it becomes symmetrical and regular. It is low-branched and the golden yellow foliage brushes the green grass in beautiful contrasts. A vigorous grower, that is unsurpassed for color effect in grouping. It is well adapted for small lawns, and equally appropriate for larger areas. For window-boxes, vases or formal gardening its value is realized.

	Each	10	100
1 to 1½ ft.	$0 35	$3 00	$25 00
1½ to 2 ft.	50	4 00	35 00

The above have not been sheared. Just suited for hedges or mass planting.

	Each	10	100
2 to 2½ ft.	$1 50	$12 50	$100 00
2½ to 3 ft.	2 00	17 50	
3 to 3½ ft.	3 50	30 00	
3½ to 4 ft.	4 00	35 00	
4 to 5 ft.	5 00	45 00	
6 to 7 ft.	12 00	100 00	
7 to 8 ft.	15 00	125 00	
8 to 15 ft.	$20 to 50 00		

These are all specimen plants. Dense, compact and symmetrical. The large sizes will make splendid immediate effects

var. flavescens, var. variegata. WHITE-LEAVED RETINOSPORA. (D) The varied tints of green, yellow and creamy white in this evergreen give it a golden appearance. The habit is dwarf and compact, and its ball-like form makes it a pretty little ornament in many places. We have some handsome specimens for immediate effects.

	Each	10	100
12 to 15 in. by 10 to 15 in.	$0 75	$6 50	$60 00
15 to 18 in. by 12 to 18 in.	1 00	8 00	75 00
18 to 24 in. by 18 to 24 in.	1 50	12 50	100 00

3 to 5 ft. by 3 to 6 ft., specimens . . . $6 to $15.

. squarrosa, var. Sieboldi. SIEBOLD'S RETINOSPORA. (S) Dwarf, compact evergreen, with bluish foliage, changing to a purplish hue in winter; a distinct coloring that is effective in collective plantings. 1 to 1½ ft., $1.25 each, $10 for 10.

var. Veitchii. SILVER RETINOSPORA. (S) Possesses the merit of *R. plumosa*, resembles it in character and is useful in the same way. The foliage is feathery, and of a rich, silvery glaucous or steel-blue that contrasts finely with the dark green and golden tints of other varieties. One of the most showy and attractive of the class. We have a stock of magnificent trees.

	Each	10	100
1 to 1½ ft.	$0 40	$3 50	$30 00
1½ to 2 ft.	50	4 50	40 00

These two grades have not been sheared.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$70 00
2 to 2½ ft.	1 25	10 00	85 00
2½ to 3 ft.	1 50	12 50	100 00

These three grades have been lightly sheared.

	Each	10	100
2 to 2½ ft.	$2 00	$17 50	$150 00
2½ to 3 ft.	2 50	22 50	200 00
3 to 3½ ft.	3 00	27 50	250 00
3½ to 4 ft.	3 50	32 50	300 00
4 to 4½ ft.	5 00	45 00	
4½ to 5 ft.	$5 to 8 00		
6 to 10 ft.	$10 to 50 00		

These are all dense, symmetrical specimens, suited for the finest plantings. See illustration, below.

Sciadopitys

Sciadopitys Verticillata. UMBRELLA PINE. (S) A quite hardy, odd, Japanese tree of pyramidal character. Grows slowly to large size. Each branch and shoot is terminated by a whorl of umbrella-like tufts of bright green, long, glossy needles.

	Each
2 to 3 ft.	$4 00
3 to 4 ft.	8 00
4 to 5 ft.	12 00

Sample of our Silver Retinospora (*Retinospora squarrosa*, var. *Veitchii*). We have many hundred trees, in different sizes, that are just as perfect as this one.

Hedge of American Arborvitæ (*Thuya occidentalis*), page 13. Besides making thick hedges of medium height, this evergreen will also form high hedges that serve as screens against objectionable buildings and unsightly objects

Taxus · Yews

The Yews are slow-growing, generally small trees that do well in most soils, and possess a particularly fresh-looking foliage. They are highly ornamental and effective as specimens or in groups Yews withstand clipping well, but they require the protection of sheltered positions in places nort of Philadelphia.

Taxus baccata. English Yew. (S) A slow-growing, thickly branched tree, with small dark green leaves. 3 to 4 ft., $3.

var. erecta. Erect English Yew. (S) Similar to the English Yew, but less spreading. 3 ft., $3.50.

var. fastigiata. Irish Yew. (D) Splendid little cone-shaped tree, that is erect and slender; a habit that admirably suits it for vase and tub planting as well as for formal effects of all kinds. Rich dark glossy green foliage.

	Each	10
1 to 1½ ft.	$1 50	$12 50
3 to 3½ ft.	3 50	30 00
3½ to 4 ft.	4 00	35 00
4 to 4½ ft.	5 00	45 00

Taxus baccata, var. fastigiata aurea. Golden Iris Yew. (S) In character similar to the preceding with young foliage a brilliant golden yellow that is very beautiful. Its habit is neat, compact and attractive, with erect cone-shape form. Thus this Yew is suited, splendidly, fo formal plantings and for tub and vase use.

	Each	10
2 to 2½ ft.	$2 00	$17 5
2½ to 3 ft.	2 50	22 5
3 to 3½ ft.	3 00	27 5
3½ to 4 ft.	5 00	45 0

var. semper aurea. (D) A desirable golden yel low variety, which keeps its yellow tint through out the year. 2 ft., $2.50 each, $22.50 for 1

CERTIFICATE OF INSPECTION

Our Nurseries are annually inspected by state authorities and continually by ourselves. A certificat of inspection testifying to the freedom from disease is attached to every shipment of our stock.

Thuya · Arborvitæ

These highly ornamental trees, though many are of upright habit, do not grow to great heights, d are appropriate for small lawns as well as larger areas. They are generally hardy ; grow vigorously varied soils and are easily transplanted. Their clean, neat, compact appearance and the soft, fern-e foliage, in many cases so brightly colored, make them useful in grouping, bedding, bordering and rmal gardening, for cemetery and lawn specimens, for hedges, screens, window-boxes vases and house corations.

uya gigantea; syn., **Lobbi.** Oregon Cedar. (S) On our western coast it is a mighty forest tree. In the East it succeeds best in sheltered locations. It is rare in ornamental planting, but well suited for them, as it lends variety and interest. 2 to 3 ft., $1 each, $7.50 for 10, $60 per 100.

. **occidentalis.** American Arborvitæ, or White Cedar. (S) A splendid native that grows well anywhere and thrives over a wide range of climate. The habit is erect and pyramidal, the foliage soft and light green in color. The branches are dense and symmetrical from the ground up. Beautiful specimens found on many old lawns, for almost every yard has its Arborvitæ. They should be included in groups and all evergreen plantings. For tubs and vases and for formal plantings there is nothing better. They are unapproached as tall hedges to form screens from objectionable objects, or for shelter-belts, or as a blind about clothes-yards, etc. They grow quickly, and if planted closely in hedges give the desired effects promptly. They may be kept at any height and made more dense and bushy by trimming, which they endure readily.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$15 00
4 to 5 ft.	1 50	12 50	100 00
5 to 6 ft.	2 00	15 00	125 00
6 to 8 ft.	3 50	30 00	

Our Arborvitæs are splendidly developed and in the pink of condition.

var. aurea. George Peabody's Arborvitæ. (S) A distinct golden yellow form that is beautiful as a specimen and highly valued, too, for contrast in foliage effects. The habit is similar to the native variety, and it will grow in very much the same kinds of soil that it does.

	Each	10
2 to 2½ ft.	$1 50	$12 50
2½ to 3 ft.	2 00	17 50
3½ to 4 ft.	2 50	22 50

var. Burrowii. (S) Distinguished by bright golden yellow foliage in spring, which afterward grows green. 4 to 5 ft., $3 each, $25 for 10.

var. compacta. Compact Arborvitæ. (D) Dwarf, dense little evergreen, having light green foliage and neat, attractive habit. Popular for beds, borders, cemeteries, house decorations or small, low-growing hedges.

	Each	10	100
1 to 1½ ft.	$0 75	$5 00	$40 00
1½ to 2 ft.	1 00	7 50	60 00
2 to 2½ ft.	1 50	12 50	100 00

var. Ellwangeriana; syn., **Tom Thumb.** (D) In many respects it is similar to the Retinospora and seems to be the connecting link between Arborvitæ and that family. It is pretty, hardy, with silvery foliage that closely resembles *T. ericoides* when young, but in winter it does not turn so dark. Its low growth and compact symmetry make it valuable for decorations in small areas and in the front of evergreen beds.

	Each	10	100
1 to 1½ ft.	$0 75	$5 00	$40 00
1½ to 2 ft.	1 00	7 50	

var. ericoides. Heath-leaved Arborvitæ. (D) Appears very much like the above, excepting in winter, when this variety changes.

A sample tree of our American Arborvitæ

In small lawns, a tree; in larger places, a group of Hemlock. Makes beautiful ornaments. See *Tsuga Canadensis*, page 15

Thuya occidentalis, var. ericoides, continued
to a bronzy hue. Both kinds are desirable and should be freely used in all plantings of small-growing evergreens.

	Each	10	100
12 to 15 in.	$0 50	$4 00	$30 00
15 to 20 in.	75	5 00	40 00

var. globosa. GLOBE ARBORVITÆ. (VD) Very dwarf and compact; grows naturally into a rounded almost ball-like form, that makes it useful in groupings, for specimens, vases or for formal plantings about garden walks, etc.

	Each	10	100
10 to 12 in., bushy	$0 50	$4 50	$40 00
12 to 15 in. x 12 to 15 in. broad	1 00	8 00	70 00
15 to 18 in. x 15 to 18 in. broad	1 50	12 50	100 00
18 to 24 in. x 20 to 30 in. broad, specimens	2 00	17 50	

var. Hoveyi. HOVEY'S GOLDEN ARBORVITÆ. (VD) Looks very similar to the family *T. compacta*, and is useful in the same way; it differs principally in having a more golden tint in its foliage.

	Each	10	100
1 to 1½ ft., bushy	$0 75	$6 00	$50 00
1½ to 2 ft., bushy	1 00	9 00	80 00
2 to 2½ ft., very bushy	1 50	13 50	125 00

var. pyramidalis. PYRAMIDAL ARBORVITÆ. (S) Similar to American Arborvitæ, but more dense in habit and finer in texture. It is of the same columnar habit that adapts it to formal planting and suits it for lawn specimens and eve green groups.

	Each	10	100
2 to 2½ ft.	$0 50	$4 50	$35 0
3 to 4 ft.	1 50	12 50	
4 to 5 ft.	2 50	22 50	
5 to 6 ft.	3 00	25 00	

var. pendula. A distinct form of our commo Arborvitæ, that weeps very decidedly. Odd an desirable. 2½ to 4 ft., $2.50 to $3 each.

var. Reidii. (D) A broad, low evergreen, les compact than the other dwarf varieties. 3 ft bushy, $2.50 each.

var. Vervæneana. VERVÆNE'S ARBORVITÆ. (The same slender, erect habit and form as *occidentalis*, or American Arborvitæ; but th green foliage is blended harmoniously with som of a golden hue, resulting in an odd, interestin appearance, that is altogether pleasing. Is us ful in the same ways as the other pyramid Arborvitæs.

	Each	10
3 to 4 ft., specimens	$2 50	$20
4 to 5 ft., specimens	3 50	30
5 to 6 ft., specimens	6 00	

var. Wareana; syn., **Sibirica.** SIBERIAN ARBO VITÆ. (S) Of lower growth than the oth pyramidal forms. The branches are stouter an the dark, rich green foliage more dense.

	Each	10
2 to 2½ ft.	$1 75	$15
5 to 8 ft., specimens	$8 to 15 00	

A sample Hemlock (*Tsuga Canadensis*) showing the graceful habit and the splendid quality of our specimen trees. Our stock is unsurpassed in every respect

Thuyopsis

Thuyopsis borealis, var. glauca. (VD) A tree from the maritime regions of Northwestern America. In the East rare in cultivation. Slender, upright habit. Distinct foliage. 5 to 6 ft., $6 each.

T. Standishii; syn., **Thuya Japonica.** STANDISH'S SITKA CYPRESS. (M) A pyramidal tree of graceful drooping habit, with bright green foliage that looks very much like an Arborvitæ. Hardy and desirable. 3 to 3½ ft., $3.50 each.

Tsuga · Hemlock

The Hemlocks are exceptionally graceful trees, that are generally useful. They are very hardy and grow rapidly and transplant safely.

Tsuga Canadensis. HEMLOCK SPRUCE. (M) A magnificent native tree that grows rapidly in most any soil and is very hardy. If allowed sunlight it will hold its lower branches and remain symmetrically furnished from the ground up, in which condition it makes splendid lawn specimens with a certain elegance and beauty that its slender, graceful branches alone possess. It will withstand wind and exposure, and therefore is suited for shelter-belts and windbreaks as well as in all mass plantings of large evergreens. Hemlocks succeed well in almost any soil, but prefer most a good loam that is moist rather than too dry.

Tsuga Canadensis, continued

Hemlocks withstand shearing so well and become so dense and compact when subjected to that treatment that they may be used wherever a small tree is wanted, or in hedges. For this purpose no other evergreen is better adapted because it becomes impenetrable as well as neat and attractive, and may be kept low or allowed to grow into tall hedges or screens.

	Each	10	100
2 to 3 ft.	$1 25	$11 00	$100 00
3 to 4 ft.	2 00	17 50	150 00
4 to 5 ft.	2 50	22 50	200 00
5 to 6 ft.	3 50	32 50	300 00

These Hemlocks are strong, heavy and vigorous. They were lightly sheared, and in regaining their natural form have become heavily furnished with branches and are bushy, handsome plants.

	Each	10	100
3 to 4 ft.	$2 50	$22 50	$200 00
4 to 5 ft.	3 50	32 50	300 00
5 to 6 ft.	5 00	45 00	

This stock has been sheared into broad, heavy trees of symmetrical form, splendidly suited for specimen planting.

var. Sargentii pendula. SARGENT'S WEEPING HEMLOCK SPRUCE. A flat-topped tree with graceful, weeping, spray-like branches. One of the choicest and most beautiful weeping evergreens, 1½ to 2 ft., $4 to $5 each.

T. Caroliniana. SOUTHERN HEMLOCK. (L) Distinct appearance. Dense, dark green foliage. Introduced from our southern mountains and found wonderfully ornamental.

	Each	10
1½ to 2 ft.	$1 25	$10 00
2 to 2½ ft.	1 50	12 50

Block of Golden Retinospora (*Retinospora plumosa,* var. *aurea*), page 11, at Glenwood. Every tree a splendid specimen

Azalea amœna

Evergreen Shrubs

These "Broad-leaved Evergreens" are being used more and more each year because they are so desirable and effective in all landscape work. Their heavy leaf masses meet the demand for fresh green foliage to enliven and cheer the bare aspect of deciduous trees and shrubs in winter. But best of all is the magnificent display that most of them make when in bloom, especially the Rhododendrons and Kalmias. Another desirable quality most of them have is such a fondness for shady places that they meet a large demand in beautifying these spots which are usually thought so difficult to adorn. As a rule they transplant easily, are quite hardy, give immediate results and are altogether very satisfactory things to use.

Andromeda

Andromeda Catesbæi. See *Leucothoë Catesbæi,* page 19.

A. floribunda; syn., **Pieris floribunda.** A splendid low-growing plant with myrtle-like foliage and spikes of tiny pure white flowers that resemble sprays of lily-of-the-valley; appear in early spring.
12 to 15 in. . . . . $1.50 each, $12.50 for 10

A. Japonica. A beautiful low shrub with drooping racemes of small white, wax-like flowers in May and June. The shining deep green leaves are handsome. A desirable plant at the front of the groups of broad-leaved evergreens, or in shaded places.
1 to 1½ ft. . . . . $1.50 each, $12.50 for 10, $100 per 100

Azalea amœna

A bushy, dwarf evergreen with small green leaves that deepen to a lustrous coppery hue in winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant, claret-colored flowers, that hold their beauty three or four weeks. Such beautiful little plants are ornaments anywhere, and are especially desirable for edging drives and walks, for dwarf hedges, groups or for bordering Rhododendrons and Kalmia beds. The habit of this Azalea is so dense and compact that it makes splendid low flowering hedges, for which purpose we highly recommend it.

	Each	10	100
10 to 12 in.	$0 75	$5 00	$45 00
12 to 15 in.	1 00	8 50	75 00
15 to 18 in.	1 50	12 50	100 00
1½ to 2 ft.	2 00	17 50	150 00
Selection of larger specimens, heavily set with flower-buds	$2.50 to 4 00		

We have a grand stock of this Azalea. The plants are all heavy and bushy, with quantities of flower-buds that will bloom this year, even if the plants are moved.

Buxus · Boxwood

The different species vary in height from low bushes to medium-sized trees. All are long-lived, of dense, compact growth, and have dark green, glossy leaves. They are used for grouping, edging walks, planting against house foundations, for hedges, and in tubs for formal gardens, terraces and porches.

Buxus sempervirens. Common Tree Box. This variety is familiar in old-fashioned gardens, where it has slowly developed into a large, broad bush. The small, dark green leaves are always fresh and glossy. It is a strong grower in almost any soil and does well in shaded places. It withstands shearing and may be clipped into artificial forms. Our stock includes some specimens that have been clipped into conical or pyramidal shape, and are very effective in formal plantings and for tubs and vases.

		Each	10	100
10 to 12 in.	*Bushy plants, for hedges*	$0 50	$4 00	$30 00
21 to 15 in.		75	6 00	45 00
1½ to 2 ft.		1 00	7 50	
2 to 2½ ft.		1 25	10 00	
3 ft., specimens		3 00	27 50	
3½ ft., specimens		4 50	35 00	
4 to 4½ ft., specimens		6 00	50 00	
3 ft., clipped pyramidal form		2 50	22 50	
4 ft., clipped pyramidal form		4 00	35 00	
4½ ft., clipped pyramidal form		5 00	45 00	

var. suffruticosa. Dwarf Box. The variety so extensively used as an edging to walks and now again so popular in all formal and old-fashioned gardens. It grows very slowly and reach, after many years, a height no greater than 3 to 5 feet. In edging walks set the plants from 2 to 4 inches apart.

	10	100	1,000
3 to 4 in.	$0 70	$5 00	$40 00
4 to 5 in.	80	6 00	45 00
5 to 7 in.	1 00	7 50	65 00

B. rotundifolia. Round-Leaf Japanese Box. Glossy round leaves, that are distinct and handsome.

	Each	10	100
12 to 15 in.	$0 50	$4 00	$35 00
15 to 18 in.	60	5 00	45 00

Calluna

Calluna vulgaris; syn., **Erica vulgaris.** Heather. Low, hardy and compact. Rosy pink racemes of tiny flowers in August and September.

	Each	10
12 to 18 in.	$0 50	$3 50

Cotoneaster

Cotoneaster buxifolia. A small, low-growing shrub, with tiny leaves, that does best in well-drained soil and sunny places. In winter it is ornamented with bright red fruit.

	Each	10	100
1 to 1½ ft.	$0 50	$4 00	$35 00

C. microphylla. Small-leaved Cotoneaster. A half-creeping plant, similar to the above, with white flowers in May and bright red fruits until midwinter.

	Each	10	100
1 to 1½ ft.	$0 50	$3 50	$30 00

We have unexcelled shipping facilities at Trenton, New Jersey, where we get the benefits of quick service and low rates afforded by competing freight and express companies.

Pyramidal Box Bush (*Buxus sempervirens*). We have a grand stock of Boxwood this year for lawn, hedge or tub planting.

Euonymus

Upright evergreen shrubs with handsome foliage, that are valued for many purposes. They grow best in light or sandy soils, a fact that suits them splendidly for seashore plantings. In such locations they also make good hedges. Unfortunately the Japanese varieties sometimes winter-kill in sections much north of Philadelphia, though, if cut back to the ground, they frequently recover and make stronger plants than before.

Euonymus Japonica. JAPANESE EUONYMUS. An erect form with glossy green foliage and bright green bark. Makes a good specimen bush for individual planting, withstands shearing so well that it is also used for hedges and clipped formal work.

	Each	10	100
1 to 1½ ft.	$0 35	$3 00	$25 00
1½ to 2 ft.	50	4 00	
2 to 3 ft.	75	6 00	

var. argentea. SILVERY EUONYMUS. The leaves are beautifully variegated with silvery white markings.

	Each	10
2 to 3 ft.	$1 00	$7 50

var. aurea. GOLDEN EUONYMUS. Leaves margined with golden yellow.

	Each	10
2 to 3 ft.	$1 00	$7 50

E. radicans. See Ornamental Vines, page 65.

Ilex · The Hollies

The berried twigs are familiar decorations at Christmas time, but most people do not know what splendid ornaments the trees are in open or collective planting. Their foliage is always beautiful, the flowers small but interesting, and the sc[illegible] fruits are ornamental. The flowers being unfertile in themselves, it is necessary to plant several trees near each other to be sure of berries.

Flower and leaf of *Kalmia latifolia*, or Mountain Laurel. A grand plant for shady places or for associating with Rhododendrons

Ilex Aquifolium. ENGLISH HOLLY. Dark, glossy green, prickly leaves. Erect shapely habit, fond of sandy soils, though it grows well in other places.

	Each	10
4 to 5 ft.	$4 00	$35 00

var. variegata. GOLDEN VARIEGATED-LEAVED HOLLY. 4 to 6 ft., $4 to $6.

I. crenata. JAPANESE HOLLY. Small, dark, attractive habit. It withstands shearing and may be trained into any desired form. Makes dense, compact low hedges. Splendidly suited for seashore planting. Not dependably hardy north of New York City.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50 00
2 to 3 ft.	1 50	12 50	

I. opaca. AMERICAN HOLLY. Thrives best on light sandy soil, though suited for most any lawn not too far north.

	Each	10
2 to 2½ ft.	$2 50	$20 00

Kalmias · Laurel

These flowering shrubs compare well in grandeur with the Rhododendrons. They are very hardy, grow almost as well in swamps as in drier locations and prefer partly shaded situations, but also thrive well in sunny places.

Kalmia angustifolia. SHEEP LAUREL. A dwarf, vigorous variety, with deep rose-colored flowers that open early.

	Each	10
1½ ft.	$1 00	$7 50

K. latifolia. MOUNTAIN LAUREL. These bushy shrubs with age sometimes attain tree-like proportions. Their elongated, oblong leaves are always fresh and glossy, making possible charming foliage effects and cheery landscapes at all seasons. In early spring they bloom profusely. The delicate pink buds, beautiful in themselves, open in large corymbs of pink and white flowers. They bloom after the Rhododendrons and are useful for massing with them or for wooded effects on large lawns.

	Each	10	100
1 to 1½ ft. . . .	$0 75	$6 50	$60 00
1½ to 2 ft, ...	1 00	8 00	

We control large mountain areas of these desirable shrubs and are prepared to furnish the native plants in car-loads. We select large, bushy clumps that are lifted with a big ball of leaf-loam, which we carefully preserve about the roots. These shipments arrive in good condition and stand transplanting very well. Write to us for further particulars and prices of these car-load shipments.

Leucothoe

thoe Catesbæi; syn., **Andromeda Catesbæi.** OPING ANDROMEDA. A valuable small shrub for shady places and wild effects. The oblong leathery leaves change to a beautiful bronze in autumn, and are so much admired that quantities of sprays are collected from the native wood and sold for Christmas decorations. In early spring, drooping panicles of small, fragrant, white, wax-like flowers cover it.

	Each	10	100
10 to 12 inches	$0 50	$3 50	$30 00
1 to 1½ ft.	75	6 00	50 00

Magnolia

agnolia grandiflora. This broad-leaved southern evergreen flourishes in sheltered places as far north as Pennsylvania. Its flowers are deep, broad cups of waxen white, deliciously fragrant blooms when quite young.

	Each	10
3 to 4 ft.	$1 00	$7 50
4 to 5 ft.	1 25	10 00

Mahonia

ahonia aquifolia. HOLLY-LEAVED MAHONIA. A native plant with handsome prickly foliage that is a deep glossy green in spring and turns to a bright bronze color in winter. In May little yellow flowers hang along the branches. Very desirable plant for rockeries and shrubbery groups.

	Each	10	100
1 to 1½ ft.	$0 35	$3 00	$25 00

M. Japonica. JAPANESE MAHONIA. A strong grower with stout, stiff branches. The leaves are larger than the above and do not change their color during the winter. In May the yellow flowers are quite showy.

	Each	10	100
10 to 15 in.	$0 35	$3 00	$25 00
2 to 2½ ft., bushy	2 00	17 50	

Osmanthus

smanthus aquifolium. An attractive evergreen shrub with stiff, spiny toothed shining leaves. White fragrant flowers in the autumn.

	Each	10	100
2 to 2½ ft.	$1 00	$7 50	$60 00
3 to 4 ft.	2 50	20 00	

Yucca filamentosa, or Adam's Needle. A fine plant for flowers in June and July. Effective in shrubbery plantings or in beds

Yucca filamentosa · Adam's Needle

A low evergreen without a central stem. The long, narrow leaf-blades come out from the root crown. In June or July it sends up heavy stalks 4 to 6 feet high laden at the top with ivory-white flowers. It is a very desirable species and valuable in separate or mixed shrubbery and herbaceous plantings. A strong, sturdy grower that requires little or no care.

	Each	10	100
10 to 12 in., 2 years, light	$0 15	$1 25	$10 00
15 to 20 in., large, heavy clumps	50	4 00	30 00

Rhododendrons

Experience has proved that many Rhododendrons are hardy as far north as Boston. In early summer there are no flowers more gorgeous than these grand shrubs, that are then all aglow with their great masses of bloom. But not only at this season are they attractive, for the heavy shiny green leaves enliven the landscape even in winter. In front of evergreen shelter-belts their glossy foliage appears to delightful advantage against the more somber hues of the conifers that protect them from the prevailing winds. In groups or masses the varied colors of the flowers blend harmoniously together, and make a brilliant ornament wherever seen.

Rhododendrons do well in moist soils free from limestone, and to obtain success from them no such expensive methods of preparing the ground are required as are sometimes advocated, though they will-

A very satisfactory plant from the purchaser's view-point. They will grow in shady or sunny places. They look well individually or in masses, and harmonize with almost any landscape. But best of all they will flower luxuriantly the same year as planted. No waiting for results with Rhododendrons. We have a large assortment and splendid stock.

RHODODENDRONS, continued

ingly respond to such treatment. In summer a light mulch of cut grass, retains the moisture, and in winter a heavier mulch of leaves protects the roots, and frequently a slight covering is required to shelter the flower-buds and foliage. After each flowering seaso the dead bloom should be picked to prevent seeding, and allow the energies of the plant to develo flower-buds for the next year.

The Rhododendrons stand without an equal among the flowering shrubs, and, to retain their supremacy, possess the crowning virtue of flowering in all their glory the same season as planted. They ma be moved successfully either in spring or fall.

All our Rhododendrons are shipped with balls of earth about their roots, which prevents them fro drying out and insures successful growth. They are well budded and will flower this year.

PRICES AND VARIETIES OF HYBRID RHODODENDRONS ARE AS FOLLOWS:

Our Selection of Varieties	Each	10	100	Purchaser's Selection	Each	10	100
1½ to 2 ft., well-budded . .	$1 50	$12 50	$100 00	1½ to 2 ft., well-budded . .	$2 00	$17 50	$150 0
2 to 2½ ft., well-budded . .	2 00	17 50	150 00	2 to 2½ ft., well-budded . .	2 50	22 50	200 0
2½ to 3 ft., well-budded . .	2 50	22 50		2½ to 3 ft., well-budded . .	3 00	27 50	

In addition to the above sizes we have a quantity of specimen plants 3 to 5 feet high at price ranging from $3 to $8 each. Write for fuller particulars about these.

(It is possible that early sales will soon reduce our assortment of varieties, and purchasers will do we to name a second choice, that no delay may occur in filling orders.)

†**Abraham Lincoln.** Rosy red. One of the best sorts.
†**Album elegans.** White.
†**Album grandiflorum.** White; large flowers.
***Anna Parsons.** Violet-red.
†**Atrosanguineum.** Deep blood-red; fine.
†**Blandianum.** Bright crimson.
†**Boule de Neige.** Pure white; low grower.
†**Caractacus.** Purplish crimson.
†**Chas. Bagley.** Cherry-red.

HYBRID RHODODENDRONS, continued

†**Chas. Dickens.** Deep scarlet.
†**C. S. Sargent.** Crimson.
†**Delicatissimum.** Blush-white.
†**Duchess of Bedford.** Crimson.
***Edward S. Rand.** Bright scarlet.
†**Everestianum.** Rosy lilac; strong, hardy grower.
†**Giganteum.** Red.
†**H. W. Sargent.** Crimson.
†**John Waterer.** Crimson.
†**John Walter.** Rich crimson.
†**Lady Armstrong.** Pale rose.
†**Lady Claremont.** Rosy scarlet.
*****Lady Eleanore Cathcart.** Rose, with chocolate spots.
*****Luciferium White.**
†**Marshall James Brook.** Crimson.
†**Michael Waterer.** Scarlet-crimson.
†**Minnie.** Blush-white, large chocolate spots.
***Parson's gloriosa.** Violet-red.
†**Parson's grandiflora.** Wine-red.
†**Perspicuum.** White.
***President Lincoln.** Reddish purple.
Roseum elegans. Rose; small hardy grower.

* Denotes varieties that we only have 1½- to 2-feet plants of. ** Denotes varieties that we only have 2- to 2½-eet plants of. *** Denotes varieties that we only have 2½- to 3-feet plants of. † Denotes varieties that we only have ½- to 2-feet and 2- to 2½-feet plants of.

Rhododendron catawbiense. A form of our southern native Rhododendron with beautiful, large white flower trusses. One of the hardiest kinds.

	Each	10
1½ to 2 ft.	$1 50	$12 50

R. maximum. GREAT LAUREL. A native shrub that is beautiful among our mountainous regions in June and July, when its great white (sometimes rosy pink) flower masses appear in full bloom along the roadsides or on banks of streams. The landscape artist uses them in much the same way that nature does; for covering banks, for groups or masses in shady situations, as an undergrowth in wooded places or for planting beside drives and paths, nothing is more pleasing. The heavy, glossy green leaves make a magnificent setting for the large showy flowers.

	Each	10	100
3 to 5 ft., heavy clumps	$2 00	$17 50	$150 00

We are in a position to supply *Rhododendron maximum* from 2 to 7 feet in height in car-load lots. We dig these with large balls of leaf-loam that are carefully preserved about their roots. These arrive in good condition and withstand transplanting especially well. Upon request, further particulars and prices of car-load shipments will be cheerfully given.

R. punctatum. This is a dwarf type, growing only 4 to 6 feet in height. It flowers earlier than any of the other kinds and should be associated with them in plantings so that the season of bloom will be lengthened. Its dwarf habit adapts it for the front of beds of taller-growing forms. We offer four distinct varieties, all 1 foot high and well set with flower buds. $1.50 each, $12.50 for 10.

The stock for this lawn was furnished and planted by us

No one plants a lawn without Shade Trees. If any one should have such a notion, this illustration will show him what a mistake he would mak

Deciduous Ornamental Trees

NOTHING can be planted which will grow so well and with so little attention and care a trees. The initial cost is small and paid for many times over by the beauty, pleasure an satisfaction which they bring. In the assortment that we have listed will be found th varieties best adapted for street and avenue planting ; the kinds that will give the cooles shade for lawn and park use ; species of rapid growth to produce quick effects ; thos with gorgeous and showy flowers and brilliant autumnal leaves ; kinds with graceful, weeping habit large and dwarf-growing sorts. Our collection includes trees adapted for all locations, climates an soils. All have been grown with care to make them straight, stocky, well headed and supplied wit fibrous roots. They have been frequently transplanted and are prepared for moving. Where trees ar wanted in large quantities we may be able to offer greater inducements on some varieties, so that w solicit correspondence from persons who contemplate purchasing in such numbers. That the unacquainted may have an idea of the height to which each tree may be expected to grow, we have marke the varieties as follows :

(L) designates trees growing to 60 feet or over at maturity. (M) from 30 to 60 feet. (S) 20 to 30 feet (D) 10 to 20 feet. (VD) less than 10 feet.

Acer · The Maples

Maples are planted, perhaps, more largely than any other trees. They are hardy and well adapte to almost every soil ; are attractive, vigorous growers, and remarkably free from the attacks of injuriou insects. Their shade is cool and dense, and for this they are indispensable in all lawn, park or avenu plantings. In autumn the brilliant coloring of their leaves is everywhere commented upon. The Silve Maple (*Acer dasycarpum*) and the Ash-leaved Maple (*Acer Negundo*) are the most rapid-growing, but fo permanency the Sugar Maple (*Acer saccharinum*) and the Norway Maple (*Acer platanoides*) are usuall preferred. The other varieties are more or less distinct, and each useful in its place.

Acer campestre. EUROPEAN CORK MAPLE. (S) Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry ground.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$35 00
5 to 6 ft.	75	6 50	55 00

A. Colchicum, var. rubrum. RED MAPLE. (S) A rare, medium-sized tree that is bright red in May and again when the young growth appears in August.

	Each	10	100
5 to 6 ft.	$1 00	$8 00	$75 00
6 to 7 ft.	1 25	10 00	

A. dasycarpum. SILVER MAPLE. (L) This Maple may be seen along the streets of almost every town or village. It is a most reliable grower in all sections, and matures so rapidly that it is sought for quick effects. The leaves are deeply cut and their silvery under surface is beautifully displayed.

	Each	10	100
8 to 10 ft.	$0 75	$5 00	$40 00
10 to 12 ft., 1¼ to 1¾ in. cal.	1 00	7 50	60 00

var. Wieri laciniatum. WIER'S CUT-LEAVED SILVER MAPLE. (M) The leaves are cut more deeply than those of its parent, the Silver Maple. It grows very rapidly and is distinguishable by its slender branches that droop gracefully. This is a desirable and attractive tree for quick effects on a new lawn, and is also used for avenue planting.

	Each	10
10 to 12 ft., 1¼ to 1½ in. cal. . . .	$1 50	$12 50
14 to 16 ft., 2½ to 3 in. cal. specimen stock	3 00	25 00
16 to 20 ft., 3 to 4 in. cal., specimen stock	5 00	40 00

A. Negundo. ASH-LEAVED MAPLE, or BOX ELDER. (L) A rapid-growing tree of irregular spreading form, whose leaves resemble those of the Ash. Improved by close pruning. It withstands cold and dryness.

	Each	10	100
7 to 8 ft, ...	$0 50	$3 50	$25 00
10 to 12 ft., 2½ to 3 in. cal.	2 50	22 50	
16 to 20 ft., 3½ to 4½ in. cal.	6 50	55 00	

A. Pennsylvanicum ; syn., striatum. MOOSEWOOD. (S) Green bark, striped with white.

3 ft. . . . . 75 cts. each.

A. platanoides. NORWAY MAPLE. (M) A handsome tree of large growth, forming a wide, rounded head of spreading branches and having broad, deep green leaves that cast a cooling shade. Strong, compact and vigorous. It is one of the best ornamental trees and is popular in all lawn, park, cemetery and street planting.

	Each	10	100
8 to 10 ft.	$1 25	$11 00	$100 00
10 to 12 ft., 1½ to 2 in. cal.	2 00	18 50	175 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	23 50	225 00

Prices of larger trees upon application.

BARGAIN OFFER OF NORWAY MAPLES. 500 *trees from* 16 *to* 20 *feet high that were planted too closely in Nursery rows, as a consequence they have become high headed and unsymmetrical, but they are so clean, healthy and well rooted that if planted where they will have plenty of sunlight and receive skillful pruning they will yet make good trees. Prices furnished upon application.*

Acer platanoides, var. cucullata. The leaves are curiously curled. $1.50.

var. globosa. A small tree with ball-like head, grafted on straight stems $2.50.

var. Reitenbachi. REITENBACH'S NORWAY MAPLE. (M) Foliage changes from green to purple and in the fall a dark scarlet.

	Each	10
7 to 9 ft.	$1 50	$12 50

var. Schwedleri. PURPLE NORWAY MAPLE. (M) The new leaves are red or purplish and later turn to green. In other respects the tree is similar to the Norway Maple.

	Each	10
5 to 6 ft.	$1 00	$7 50

A. Pseudo-platanus. SYCAMORE MAPLE. (L) A broad, handsome tree that grows quickly; has larger, darker leaves than the other Maples.

	Each	10	100
10 to 12 ft.	$1 25	$10 00	$75 00
14 to 18 ft., 2 to 3 in. .	$3 to 5 00		

var. Leopoldii. Choice variegated form.

	Each
5 to 6 ft.	$1 00

var. purpurea. The under surface of the leaves is purplish red, otherwise similar to the above.

	Each	10
6 to 8 ft.	$1 00	$7 50
8 to 10 ft.	1 25	10 00

A. rubrum. RED OR SCARLET MAPLE. (L) A native species with fine rounded head, beautiful red blossoms and fruits in spring. Gorgeous autumnal foliage. Thrives in low or damp places.

	Each	10
6 to 8 ft.	$1 00	$7 50
8 to 10 ft.	1 50	12 50

Sugar Maple (*Acer saccharinum*) page 24. A good lawn or avenue tree

Acer saccharinum. Sugar, or Rock Maple. (L) Much used for shade in lawn or park plantings. It is pyramidal in form and thrives in almost any soil; with age it grows into a straight, symmetrical tree of grand proportions. This Maple has a brilliant autumn coloring, neat and attractive habit and is used in solitary or group planting. It makes a handsome avenue tree and is popular for that purpose. We have a splendid stock of young thrifty trees.

	Each	10	100
8 to 10 ft.	$1 25	$10 00	$75 00
10 to 12 ft., 1½ to 2 in. cal.	2 00	15 00	125 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	20 00	150 00

Bargain Offer of Sugar Maples. 750 *trees from 16 to 18 feet high, that were planted too closely in nursery rows. As a consequence have lost their lower branches. But their condition is so healthy and their root systems so fibrous that when properly trimmed and given plenty of sunlight they will make good trees. Reduced prices furnished upon application.*

A. spicatum. Mountain Maple. (D) Shrubby tree, valuable as an undergrowth.

	Each	10
2 to 3 ft.	$0 50	$4 00

A. Tataricum Ginnala. Siberian Maple. (D) A graceful shrub with handsome leaves that turn a beautiful red in early autumn. It is very useful for foliage effects and splendid for mass and bank plantings. Individually it makes a neat little tree. A strong grower and perfectly hardy.

	Each	10	100
5 to 6 ft., bushy	$1 00	$7 50	$60 00

Japanese Maples

Acer polymorphum. (D) This is the parent of most of the other varieties. It is the tallest grower and as hardy as any. The small green leaves are not cut so deeply as those of some kinds. It has bright green foliage in spring and summer, and in fall the leaves are often of different shades, some scarlet, some yellow, and some trees have both tints upon their foliage. But whatever the color is, there is a gorgeous showing.

2½ to 3 ft., bushy	$1.75 each, $15 for 10.
5 to 6 ft., bushy specimens	$5 to $8 each.
6 to 8 ft., bushy specimens	$6 to $15 each.

var. atropurpureum. (D) A blood-leaved sort that holds its dark coloring throughout the season.

	Each
18 in., 2 yr. grafts	$1 00
2 to 3 ft.	$2.50 to 5 00

var. atropurpureum dissectum. Low-spreading habit, blood-red leaves, and foliage as deeply and as delicately cut as a fern.

	Each
18 in., 2 yr. grafts	$1 00
2 to 3 ft.	$2.50 to 5 00

var. dissectum. Low-spreading habit with delicately cut green foliage. A beautiful form.

2 to 3 ft.	$2.50 to $5 each.

Acer polymorphum aureum. Golden-leaved Japanese Maple that is especially pretty in spring when the new leaves come out. Later they fade to green. Desirable kind.

	Each
1 to 1½ ft., 2 yr. grafts	$1 00
1 to 1½ ft., in 8-inch pots	2 00
2 to 2½ ft.	2 50

Æsculus · Horse-Chestnuts

Æsculus Hippocastanum. Horse-Chestnut. (M) Ornamental trees for shade and avenues. In May quantities of beautiful spikes of white flowers appear from among the deep green foliage.

	Each	10	100
5 to 6 ft.	$1 00	$7 50	$60 00
6 to 8 ft.	1 50	12 50	100 00
8 to 10 ft.	2 00	15 00	

var. flore pleno. Double-flowering form of the above.

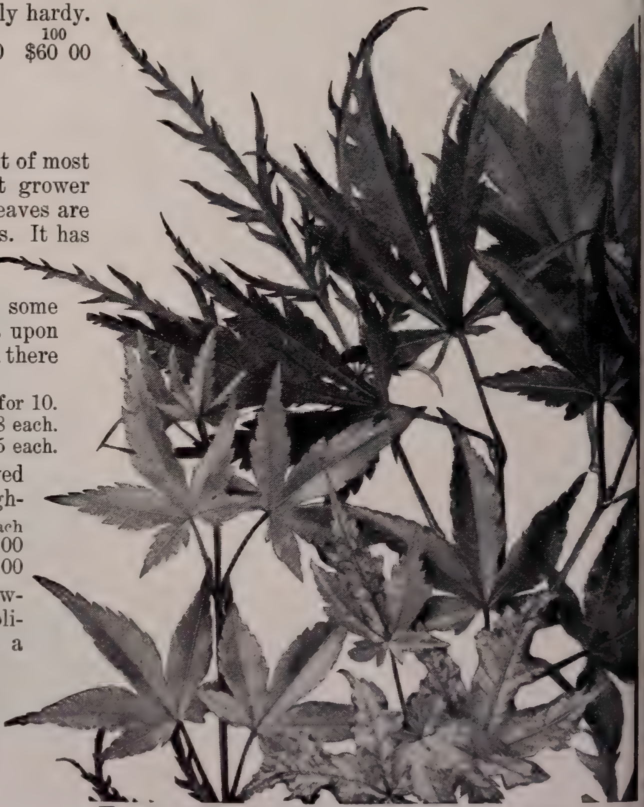
	Each	10
6 to 7 ft.	$1 25	$10 00

var. rubicunda. Red Horse-Chestnut. (M) Has bright red flowers.

	Each	10
4 to 5 ft.	$1 25	$10 00

Æ. octandra; syn., **A. flava.** Buckeye. (M) A stronger and more rapid grower than the above, but not so showy in leaf and flower.

	Each	10
6 to 7 ft.	$1 25	$10 00



There is a wide variety of form and color in the leaves of the Japanese Maple

Alnus · Alders

Alnus glutinosa. EUROPEAN, or COMMON ALDER. A very rapid-growing tree for upland or moist places, also for seashore planting.

	Each	10	100
5 to 6 ft.	$0 50	$4 00	$30 00
10 to 12 ft., 1¼ to 1½ in. cal.	1 00	7 50	

var. imperialis. CUT-LEAVED ALDER. (M).

	Each	10
4 to 5 ft.	$0 75	$5 50

A. incana. SPECKLED ALDER. (L) A rapid-growing tree in moist or dry soils.

	Each	10	100
5 to 6 ft.	$0 50	$4 00	$30 00
8 to 10 ft.	75	5 00	45 00

var. laciniata. CUT-LEAVED SPECKLED ALDER. (M) Finely cut foliage gives this variety a striking individuality; otherwise similar to the above.

	Each	10	100
6 to 7 ft.	$0 75	$6 00	$50 00

Ailanthus

Ailanthus glandulosa. CHINESE SUMAC, TREE OF HEAVEN. (L) A lofty, rapid-growing shade tree, with feathery tropical-looking foliage. It withstands the smoke and gases of city streets.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$30 00
5 to 6 ft.	70	5 00	40 00
6 to 7 ft.	75	6 00	

Andromeda

Andromeda arborea; syn., **Oxydendrum arborea.** SORREL TREE. (D) A very ornamental little tree with handsome foliage that turns a brilliant crimson in autumn. Little panicles of small white flowers resembling those of a lily-of-the-valley are borne in July.

	Each	10	100
2 to 2½ ft.	$1 00	$8 00	$75 00
2½ to 3 ft.	1 25	10 00	
3 to 4 ft.	1 50	12 50	

Betula · The Birches

The Birches are distinguished for their elegant, graceful appearance, slender branches, light airy foliage, and for the silvery white bark of some of the species. They endure a wide range of climatic conditions and thrive not only in moist locations, but do well even in high, dry or stony places.

Betula alba. EUROPEAN WHITE BIRCH. (M) A quick-growing tree that after a few years develops a beautiful white bark that makes it attractive and prominent in any landscape. It is very hardy; grows anywhere and can be planted individually, though most attractive in clumps or colonies.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$50 00
8 to 10 ft.	1 25	10 00	75 00
10 to 12 ft., 2 to 2½ in. cal.	2 00	15 00	125 00

var. fastigiata. PYRAMIDAL WHITE BIRCH. (M) Of compact, pyramidal habit, with silvery white bark.

	Each	10
6 to 8 ft.	$1 25	$10 00

var. laciniata pendula. WEEPING CUT-LEAVED WHITE BIRCH. (M) At an early age this tree acquires a very graceful drooping habit and silvery white bark. The foliage is deeply and delicately cut. This tree is deservedly popular in lawn plantings.

	Each	10
6 to 8 ft.	$1 50	$12 50

var. pendula Youngii. YOUNG'S WEEPING BIRCH. (S) An odd, attractive tree with singularly contorted branches.

6 to 8 ft., 2-yr. heads . . . . $1.50 each.

var. purpurea. PURPLE BIRCH. (M) Purple leaves and white bark.

	Each	10
4 to 6 ft.	$1 00	$7 50
12 to 15 ft.	2 50	

B. lenta. SWEET, BLACK, or CHERRY BIRCH. (M) Our common woods tree, with aromatic bark that is edible.

	Each	10
8 to 10 ft	$1 00	$7 50
12 to 14 ft., 2 to 3 in. cal. . . .	2 50	20 00

B. lutea. YELLOW BIRCH. (L) A shapely handsome lawn tree with bronze-colored bark. It is a strong, robust forest native, suited for landscape planting in almost all locations.

	Each	10	100
8 to 10 ft., fine	$1 00	$8 00	$70 00

B. nigra; syn., **rubra.** RED BIRCH. (L) The familiar Birch, with torn and ragged bark, that can often be seen along the banks of streams. It is a graceful, moisture-loving tree that should be in all lowland plantings.

	Each	10	100
4 to 5 ft.	$0 75	$5 00	$40 00
10 to 12 ft., 2½ to 3½ in., fine specimens	2 50	20 00	

B. papyrifera. PAPER, or CANOE BIRCH. (L) Very white bark and loose, graceful head when older.

	Each	10
6 to 8 ft.	$1 25	$10 00

Carpinus · Hornbeam

Carpinus Americana; syn., **Caroliniana.** AMERICAN HORNBEAM. (S) A bushy tree or shrub, with leaves and bark resembling the Beech.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
4 to 6 ft.	50	4 00	

C. Betula. EUROPEAN HORNBEAM. (S) A strong, compact grower with stiff twiggy branches. Withstands shearing so well that it may be used for formal work and hedges, also valued for shady places and as an undergrowth.

	Each	10	100
1½ to 2½ ft.	$0 50	$2 00	$18 00
4 to 6 ft., bushy	1 00	7 50	

The Catalpas

These are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves are large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesting. They do well in exposed situations and meager soils. Popular in commercial and ornamental plantings. The Catalpas grow rapidly, giving quick results. As an ornamental flowering tree for midsummer they are not easily surpassed.

Catalpa Bungei. A sample of the size and quality of our $5 to $8 trees

Catalpa Bungei. CHINESE CATALPA. (D) A curious dwarf tree, with a globular head measuring 8 to 10 feet in diameter. It is effective for lawn and terrace decorations. Quite hardy, most distinct and desirable for lawn planting. We offer some magnificent large specimens.

	Each	10
5 to 6 ft., small heads	$1 25	$10 00
5 to 7 ft., 2 yr., medium heads	1 75	15 00
6 to 8 ft., 3 yr., fair heads	2 50	22 00
5 to 7 ft., 3 yr., heavy heads	3 50	30 00

6 to 8 ft., 5 yr., large specimens, $5 to $10 ea.

C. hybrida. TEAS' JAPAN HYBRID. (L) Large rapid-growing hardy tree that is beautiful with abundant flowers in June or July.

	Each	10
7 to 8 ft.	$1 00	$7 50

C. speciosa. WESTERN CATALPA. (M) Especially ornamental in June when laden with a profusion of white flower panicles. Its strong, quick-growing habit, ability to thrive in dry or moist soils, and its large handsome leaves, make it a tree of the first order for lawn and street plantings.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$35 00
8 to 10 ft.	1 00	7 50	50 00
10 to 12 ft., 2 to 2½ in. cal.	1 50	12 50	100 00

Celtis

Celtis occidentalis. NETTLE TREE, or HACKBERRY. (L) A highly ornamental native tree that is very similar to the elm.

	Each	10
6 to 8 ft.	$1 00	$7 50

Cerasus · The Flowering Cherries

At the beginning of summer these trees are buried under a wealth of bloom, which is strung all along the branches. They have a good dense foliage, so that the taller kinds make good shade trees.

Cerasus Americana; syn., **Prunus Americana.** WILD PLUM. (D) April and May. Profusion of white flowers; fruit yellow. Attractive autumn foliage.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$30 00

C. Chinensis, var. alba plena. DOUBLE WHITE CHINESE CHERRY. (M).
$1.25 each, $10 for 10

var. rosea plena. DOUBLE PINK CHINESE CHERRY.
$1.25 each, $10 for 10

C. Avium, var. rosea pendula. JAPANESE WEEPING CHERRY. (D) A compact, weeping tree, that makes a beautiful lawn specimen and is so small that it can be used in very limited areas. The drooping branches almost meet the ground, and

Cerasus Avium, continued

when in May they are hung with innumerable delicate pink flowers, there is nothing that surpasses it in beauty. At other seasons the foliage is good and the tree altogether sightly.
$2 each, $17.50 for 10

C. Padus; syn., **Prunus Padus.** EUROPEAN BIRD CHERRY. (S) Drooping racemes of white flowers in spring, followed by black fruits.

	Each	10	100
4 to 5 ft.	$0 75	$5 00	$35 00

C. Pennsylvanica. COMMON WILD BIRD, or PIN CHERRY. (M) Suited to rocky, sandy and poor soils. White flowers and bright red fruits that attract birds.

	Each	10	100
5 to 7 ft.	$0 75	$5 00	$40 00

Cerasus Sieboldii, var. rubra plena. Double white flowers, pink tinted in clusters.

$1.25 each, $10 for 10

C. Serotina. Wild Black Cherry. (M) Its flower racemes are white and fragrant, its leaves glossy, and its fruits black. This is one of the most ornamental of our native trees and deserves more general appreciation.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
8 to 10 ft.	1 00	7 50	

Cladrastis

Cladrastis tinctoria; syn., **Virgilia lutea.** Yellow Wood. (S) A pretty little tree, with smooth, light bark and graceful branches, that bear drooping racemes of sweet-scented white wistaria-like flowers in June.

	Each	10	100
5 to 6 ft.	$1 00	$7 50	$60 00
6 to 8 ft.	1 25	10 00	80 00
8 to 10 ft.	1 50	12 50	

Cornus · Dogwood

SEE, ALSO, SHRUBS

Cornus florida. White Dogwood. (S) Of inestimable value in landscaping. The white petaled flowers cover the tree in early spring. The deep crimson autumn leaves rival in brillancy the scarlet Oak. For planting in quantity with shrubs, for screens, or under and among larger trees, nothing is finer. A hardy tree and good grower in almost any soil.

	Each	10	100
2 to 3 ft., bushy form	$0 40	$3 00	$25 00
4 to 5 ft., bushy form	60	5 00	40 00
5 to 6 ft., tree form	1 00	8 00	70 00

Cornus florida, var. pendula. (D) A weeping form of the preceding, with similar flowers.

	Each
2 to 3 ft.	$1 50
3 to 4 ft.	2 00
4 to 5 ft.	2 50

var. rubra. Red-flowering Dogwood. (D) Possesses the many good qualities of *Cornus florida.* and resembles it in all but the flowers, which are a beautiful shade of pink.

	Each	10
2 to 3 ft.	$1 25	$10 00
4 to 5 ft.	2 00	17 50
5 to 6 ft.	2 50	22 50

Fagus · The Beeches

These are among the most attractive, ornamental trees for lawn or park plantings. They are useful for avenues, high screens or as specimens. Hardy, and rarely subject to insects ravages. The deep dark red leaves of the purple variety, the delicately cut foliage of the Fern-leaved, and the grotesqueness of the Weeping Beech are characteristics meriting their more general use.

Fagus ferruginea. American Beech. (L) Our noble forest native, with light gray bark and symmetrical head.

	Each	10	100
6 to 8 ft.	$2 00	$17 50	$150 00

F. sylvatica. European Beech. (L) A compact, long-lived tree. The foliage is dense and darker green than the American Beech. The dead leaves hang all winter and make this one of the very best trees for screens and hedges to shut off unsightly objects. It is also appropriate for individual planting.

	Each	10	100
4 to 5 ft.	$1 00	$7 50	$65 00
5 to 6 ft.	2 00	17 50	150 00
6 to 8 ft.	3 00	27 50	
8 to 10 ft.	4 00	37 50	350 00

10 to 12 ft., specimens, $6 to $10 each.

var. heterophylla. Fern-leaved Beech. (S) Deep delicately cut foliage.

	Each	10
2½ to 3 ft.	$1 50	$12 50
3 to 4 ft.	2 00	17 50

var. macrophylla. Larger leaves than the native type. Rare. $2.

var. pendula. Weeping Beech. Beautiful weeping habit.

	Each
2 to 3 ft.	$1 50
3 to 4 ft.	1 75
4 to 5 ft.	2 00

A multitude of flowers clothe the Cerasus, or Flowering Cherries, in May

Fagus sylvatica, var. purpurea. PURPLE, or COPPER BEECH. (L) A strong, vigorous tree with beautiful purple leaves in the spring that fade through the summer until they become almost green.

	Each	10
4 to 5 ft.	$1 50	$12 50
5 to 6 ft.	2 00	17 50
8 to 10 ft., light	2 50	20 00
8 to 12 ft., bushy	$8 to 15 00	

var. purpurea pendula. WEEPING PURPLE BEECH.

	Each	10
3 to 4 ft.	$2 50	$22 50
6 to 8 ft.	4 00	35 00

var. Riversii. RIVERS' PURPLE BEECH. (L) This variety holds its purple color a little longer in the summer.

	Each	10
4 to 5 ft.	$1 50	$12 50
5 to 6 ft.	2 00	17 50

Fraxinus · Ash

Quick-growing inexpensive shade trees that naturally make handsome symmetrical specimens that are suitable for almost all landscape work, especially lawn and avenue planting. In the fall the foliage turns a brilliant yellow.

White Dogwood (*Cornus florida*). Planted by us on the grounds of the New Jersey State Hospital, at Trenton

Fraxinus alba. AMERICAN WHITE ASH. (L) This grand old native is quick in growth, with massive trunk and broad spreading limbs. It is valued for timber, shade or street planting.

	Each	10	100
5 to 6 ft.	$0 35	$2 50	$20 00
10 to 12 ft., 1¼ to 1¾ in. cal.	1 25	10 00	75 00
12 to 14 ft., 1¾ to 2½ in. cal.	1 50	12 50	100 00

F. excelsior. EUROPEAN ASH. (M) Taller and more rounded than the American, with larger darker leaves, which remain on the tree late into the fall. Distinguished by its black buds. It thrives in moist grounds.

	Each	10	100
5 to 6 ft.	$0 35	$3 00	$25 00
10 to 12 ft., 1½ to 2 in. cal.	1 25	10 00	75 00
12 to 14 ft., 2½ in. cal.	1 50	12 50	100 00

var. pendula. WEEPING ASH. (D) An odd tree with low head of long, horizontal and drooping branches. Makes a unique appearance when planted individually about the lawn.

	Each	10
6 to 8 ft., strong heads	$2 50	$20 00

F. Ornus. EUROPEAN FLOWERING ASH. (S) A small ornamental tree that bears great masses of fringe-like flowers in June, filling the air with a sweet fragrance.

	Each	10	100
5 to 6 ft., light	$0 35	$2 50	$20 00
6 to 8 ft.	1 25	10 00	

F. nigra; syn., **sambucifolia.** BLACK ASH. (L) Good foliage and broad open head makes this a desirable shade tree.

	Each	10	100
5 to 8 ft.	$1 00	$7 50	
8 to 10 ft.	1 25	10 00	$70 00

Gymnocladus

Gymnocladus Canadensis. KENTUCKY COFFEE TREE. (M) An odd tree of medium size, with narrow, pyramidal head. Its branches are blunt and twigless, and the feathery bluish green foliage gives it a tropical aspect. Has white flower panicles that are followed by large seed-pods. Is remarkably free from the ravages of insects. Withstands well adverse conditions; is ornamental and desirable.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$50 00
8 to 10 ft.	1 25	9 00	60 00
10 to 12 ft., 2 to 2½ in. cal.	2 00	15 00	125 00

Juglans · The Walnut

Some of these are quite ornamental, especially our familiar native the **Black Walnut.** It is hard to transplant, but a grand tree when established. The **Butternut,** or **White Walnut,** is also a good shade tree. For prices of these two walnuts, see Nut Trees.

Flowers similar to these literally cover the different varieties of the Oriental Magnolias in April and May. The principal difference between the varieties is in the color of the flowers

Koelreuteria

Koelreuteria paniculata. JAPANESE VARNISH TREE. (D) A small attractive tree with showy panicles of yellow flowers in July. Grows easily almost anywhere.

	Each	10
3 to 4 ft.	$0 50	$3 50

Larix · Larch

Larix Europæa. EUROPEAN LARCH. (M) A quick-growing tree with light green needle-like leaves in very early spring. In the fall they turn yellow.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$20 00
5 to 6 ft.	1 25	10 00	

L. leptolepsis. JAPANESE LARCH. (M) In general appearance and habit similar to the familiar one above. Hardy and desirable as a lawn specimen, in which position it makes pleasing contrasts.

	Each	10	100
2½ to 3 ft.	$0 50	$4 00	$35 00
5 to 6 ft.	1 00	8 00	

Liquidambar

Liquidambar styraciflua. SWEET GUM. (M) A native tree of rapid growth. It is of medium height, has a narrow pyramidal head, is hardy and grows well in either dry or damp soil. The bark is corky, and the beautiful glossy green star-shaped leaves make a cooling shade in summer, but in autumn its foliage varies from bright red to the darkest crimson.

	Each	10	100
2½ to 3 ft.	$0 50	$4 00	$35 00
8 to 10 ft.	2 00	15 00	

Liriodendron

Liriodendron Tulipifera. TULIP TREE. (L) A grand native tree of rapid growth, that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green, glossy and dense. After attaining maturity the tree flowers freely in June, producing numbers of creamy yellow fragrant tulip-like flowers.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$35 00
5 to 6 ft.	75	5 00	40 00

The Magnolias

Their lavish profusion of large and beautiful flowers, their fragrance, richness of foliage and stately, ropical aspect place the Magnolias easily first among flowering trees. Planted in groups, their spring nflorescence is grand beyond description ; as lawn specimens or against an evergreen foil, their large, glossy foliage and shapely outline make them beautiful anywhere. They thrive in any good soil, but like best one that is warm, rich and moderately moist. Plant in spring to insure best results.

AMERICAN MAGNOLIAS

Magnolia acuminata. CUCUMBER TREE. (M) A symmetrical lawn or avenue tree, with handsome foliage. Yellowish green flowers in June and scarlet cucumber-shaped seed vessels later.

	Each	10	100
3 to 4 ft.	$0 75	$6 00	$50 00
4 to 5 ft.	1 00	7 50	

M. glauca. (S) The native "Sweet Bay" of our swamps, whose fragrant white flowers in June are much admired. Its glossy laurel-like leaves are almost evergreen.

	Each	10
2 to 2½ ft.	$1 00	$7 50
2½ to 3 ft.	1 25	10 00
3 to 3½ ft.	1 50	12 50

M. grandiflora. EVERGREEN MAGNOLIA. This famous southern variety is described and listed on p. 19.

M. tripetala. UMBRELLA TREE. (M) Bright shining leaves 1 to 1½ feet long with flowers 4 to 6 inches in diameter in June.

6 to 8 ft. . . . . $2 each

ORIENTAL SPECIES AND THEIR HYBRIDS

These varieties retain their lower branches more than American sorts do, thus assuming bush-like proportions. They flower earlier and more profusely.

Magnolia Alexandrina. (S) Outside flower petals crimson; blooms a few days earlier than *M. Soulangeana*, otherwise similar.

4 to 5 ft. . . . . $3 each

M. conspicua; syn., Yulan. CHINESE WHITE MAGNOLIA. (D) A conspicuous and beautiful plant about the middle of April, when it is literally covered with white, slightly fragrant cup-like flowers. One of the best and showiest Magnolias.

	Each	10
3 to 3½ ft.	$3 00	$25 00
3½ to 4 ft.	3 50	30 00

M. hypoleuca. (L) A tall tree with leaves 8 to 14 inches long, silvery on their under surface. Cup-shaped fragrant flowers in May and June that are 6 to 7 inches across. Partially hardy in New England. Splendid for warmer climates.

	Each
4 to 5 ft.	$3 00
5 to 6 ft.	3 50

M. Kobus. THURBER'S MAGNOLIA. (S) One of the hardiest kinds. It has an even symmetrical development, branching from the ground up, and splendid shining green leaves that are attractive all season. In May fragrant white flowers appear and last longer than those of *M. conspicua*.

	Each	10	100
1½ to 2 ft.	$0 50	$4 00	$35 00
4 to 5 ft., very bushy	3 50		
5 to 6 ft., very bushy	4 00		

M. Lennei. LENNE'S MAGNOLIA. (S) This remarkable tree blooms in May and frequently again in late summer. Its flowers are dark rose without and pearly white within. It is a strong grower, that makes a grand display when in flower.

	Each	10
3½ to 4 ft.	$2 50	$20 00

M. Norbertiana. This variety of Magnolia is less common than some of the others, but it is, nevertheless, a valuable sort and should be more generally used. In habit of growth and the size and color of the flowers, it is very similar to the well-known Magnolia Soulangeana, but because it blooms a little later it is used to extend the flower season. Our plants are well budded.

3 to 4 ft. . . . . $2.50 each

M. purpurea; syn., obovata. A late-flowering sort of bushy habit, with deep purple flowers.

	Each	10
1½ to 2 ft.	$0 75	$5 00
3 to 4 ft.	2 50	

M. Soulangeana. SOULANGE'S MAGNOLIA. (S) Among the hardiest and finest of the foreign varieties. The large purple and white flowers, borne a little later than those of the Conspicua, are attractive anywhere.

	Each	10
3½ to 4 ft.	$2 50	$20 00
4 to 5 ft.	3 00	25 00
5 to 6 ft.	3 50	30 00

M. Speciosa. (S) Flowers smaller and later than *M. Soulangeana*, otherwise the same.

3 to 4 ft. . . . . $2.50 each

M. Stellata; syn., Halleana. HALL'S JAPANESE MAGNOLIA. (VD) Dwarf and bushy. It blooms earlier than any other variety, and its semi-double, white, star-like flowers are delicate and fragrant.

Deciduous trees alone will make a beautiful lawn, and tone down the cold bare walls and sharp angles of the house

Morus · Mulberries

Morus alba, var. New American. (S) A broad, bushy-headed tree that is an improved form of our common native Mulberry. The black fruits are borne profusely and are very sweet.

	Each	10
3 to 4 ft.	$0 35	$2 50
Larger trees	50 cts. to 1 00	

M. nigra, var. Tatarica. RUSSIAN MULBERRY. (S) Bears large crops of small fruits.

	Each	10	100
4 to 5 ft.	$0 35	$2 50	$20 00
5 to 6 ft.	50	3 50	25 00

var. Tatarica pendula. TEAS' WEEPING MULBERRY. (D) Requires but two or three years to develop into a handsome weeping tree that will ornament any lawn. The pendulous branches sweep the ground in shining lengths. One of the best weeping trees in cultivation.

	Each	10
5 to 6 ft., good heads, 2 yrs. old	$2 00	$17 50
5 ft., specimen heads, 4 to 5 yrs. old	$3 to 5 00	

M. rubra, var. Downing's Everbearing. (S) This variety has very large leaves that are quite ornamental. The fruit is large, black and rich in flavor.

	Each	10
4 to 5 ft.	$0 75	$5 00

Nyssa

Nyssa sylvatica; syn., **N. multiflora.** SOUR GUM. (M) A native tree, especially liked for gorgeous scarlet coloring of its foliage in early autumn.

	Each	10
2 to 3 ft.	$0 75	$6 00

For tall, quick-growing screens, and for formal effects along driveways and similar places, nothing equals the Lombardy Poplar (*Populus nigra, var. fastigiata*), page 32

Paulownia

Paulownia imperialis. EMPRESS TREE. (M) This is an odd-looking tree, with immense leaves that often measure 18 inches across, and in June bears long panicles of purplish flowers. If cut back to the ground each year, the roots send up rapid-growing branchless trunks that produce a unique and tropical effect. $1.

Persica · Peach

Little trees that wrap themselves in rich clouds of fragrant bloom early in spring. They mature rapidly and resemble the fruit-bearing peach.

Persica vulgaris, var. alba plena. DOUBLE WHITE-FLOWERING PEACH. (D).

4 to 5 ft.	75 cts. each

var. foliis purpureis. PURPLE-LEAVED PEACH. (D).

4 to 5 ft.	75 cts. each

var. rosea plena. DOUBLE PINK-FLOWERING. (D).

3 to 4 ft.	75 cts. each

var. sanguinea plena. DOUBLE RED-FLOWERING. (D).

3 to 4 ft.	75 cts. each

Phellodendron

Phellodendron Amurense. CHINESE CORK TREE. (M) A tropical-looking tree with long pinnate foliage, similar to that of an Ailanthus. It is hardy as far north as Massachusetts, grows rapidly when young, forms a low, round head. Withstands heat and drought. It is valued as a specimen and also makes a splendid avenue tree.

	Each	10	100
6 to 7 ft.	$0 75	$6 00	$50 00
10 to 12 ft., 1¾ to 2½ in. cal.	2 00	17 50	

Platanus · Plane or Buttonwood

The Platanus is among our tallest trees, grows rapidly into massive proportions, is hardy and remarkably free from disease. It is a great favorite for streets, parks or lawns, does well in most soils, withstands the smoky atmosphere of cities and thrives near the seashore.

Platanus occidentalis. BUTTONWOOD. (L) Our grand native sort, which grows to majestic size and is so conspicuous in winter with its gray-white bark.

12 to 15 ft., 3 to 4½ in. cal.	$3 to $6 each

Platanus orientalis. ORIENTAL PLANE. (L) Similar to preceding, but a cleaner tree and a better grower. It is popular in all landscape work.

	Each	10	100
6 to 8 ft.	$1 00	$8 00	$75 00
8 to 10 ft.	1 50	12 50	100 00
10 to 12 ft., 1½ in. cal.	2 00	17 50	150 00
12 to 14 ft., 2 in. cal.	3 00	25 00	
16 to 18 ft., 3 to 4 in. cal.	$10 to $15 each		

Prunus

For trees sometimes described under this head, see Cerasus. For the shrubby varieties of Prunus, see page 26.

Populus · The Poplars

These trees grow fast, are quickly effective and cheap. They thrive in almost any soil and withstand well the smoke and gases of city streets, and the heavy winds of our coasts, where quick shade or temporary effects are desired.

Populus alba. WHITE, or SILVER POPLAR. (L) A rapid-growing tree, with leaves that are silvery white on their under surface. This variety does not sucker.

	Each	10
4 to 6 ft.	$0 50	$4 00
6 to 8 ft.	75	5 00

var. Bolleana. BOLLE'S POPLAR. (L) In habit resembles the Lombardy Poplar, but leaves are silvery white beneath.

	Each	10
6 to 8 ft.	$1 00	$7 50
8 to 10 ft.	1 25	10 00
10 to 12 ft.	1 75	

A few larger trees priced upon request.

P. monilifera; syn., deltoides. CAROLINA POPLAR. (M) Heart-shaped leaves are glossy and fresh-looking. Withstands well conditions under which many trees die. Largely planted in cities, and for quick effect about new buildings. It is a sure and rapid grower.

	Each	10	100
6 ft., light	$0 25	$2 00	$15 00
8 to 10 ft.	75	5 00	40 00
10 to 12 ft.	1 00	7 50	60 00
12 to 14 ft.	1 25	10 00	75 00

P. nigra, var. fastigiata. LOMBARDY POPLAR. (L) A tall, columnar form, that is in contrast to the more rounded outline of other trees. It branches from the ground, and is much used where a tall hedge is wanted as a screen. Especially valued for formal effects. (See illustration, page 31.)

Populus nigra, continued

	Each	10	100
6 ft., light	$0 35	$2 50	$20 00
7 to 8 ft.	75	6 00	
10 to 12 ft.	1 25	10 00	

P. trichocarpa. (M) A rapid-growing new variety, with heavy glossy leaves that have a silvery under surface.

	Each	10	100
4 to 6 ft., light	$0 25	$2 00	$15 00
8 to 10 ft.	75	5 00	
10 to 12 ft.	1 00	7 50	

Pterocarya

Pterocarya stenoptera. (M) Rapid-growing tree with long compound leaves. It is rare and interesting.

	Each	10
2 to 3 ft.	$0 75	$6 00

Pyrus · Flowering Crab Apples

Hardy little flowering trees, that bloom abundantly in spring. Their double fragrant flowers are always enthusiastically remarked upon.

Pyrus baccata. SIBERIAN-FLOWERING CRAB. 4 to 6 ft., $1 each, $7.50 for 10.

P. coronaria. SWEET-SCENTED CRAB. (S) May. 2 to 2½ ft., 50 cts. each, $3.50 for 10.

P. floribunda. FLOWERING CRAB. (D) May. 4 to 5 ft., $1 each, $7.50 for 10.

P. Ioensis, var. Bechteli. BECHTEL'S DOUBLE-FLOWERING CRAB. (S) Bears masses of double, rose-like flowers of delicate pink color and most delightful fragrance.

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$35 0
4 to 5 ft.	1 00	7 50	
5 to 6 ft.	1 25		

P. Parkmani. PARKMAN'S DOUBLE-FLOWERIN CRAB. (D) A beautiful little tree, to be planted singly or in clusters about the lawn. At the close of April it sends forth clusters of dark rose-colored buds that open into beautiful littl rosy white flowers of exquisite fragrance.

	Each	10
3 to 4 ft.	$1 00	$7 5

P. schneideckeri. New and desirable. $1 each.

P. spectabilis. CHINESE DOUBLE-FLOWERING CRAB. (S) One of the best, bearing in May fragrant white flowers that are coral-red when only in bud.

	Each	10
3 to 4 ft.	$0 75	$5 0
4 to 6 ft.	1 00	7 5

var. rosea. CHINESE DOUBLE PINK-FLOWERIN CRAB. (S). 4 to 6 ft., $1 and $7.50.

Quercus · The Oaks

"Strength, Solidity, Durability are Symbolized in the Oaks"

These grand trees, possessing so many virtues, do not grow slowly, as it is often supposed. Thei great vigor and hardihood enables them to withstand the drought of hillsides and the caustic influenc of sea spray. Their broad, spreading heads make them desirable shade trees for lawns, parks, publi grounds and avenues. The brilliant autumnal coloring of some species is everywhere commented upon Our Oaks are frequently transplanted, and when thus cared for are not difficult to establish.

Quercus alba. WHITE OAK. (L) This well-known grand old forest tree is unsurpassed for ornamental purposes.

	Each	10	100
5 to 6 ft.	$1 25	$11 00	$100 00
6 to 8 ft.	1 50	14 00	135 00
8 to 10 ft.	2 25	20 00	175 00
10 to 12 ft., 1¾ to 2¼ in. cal.	3 00	27 50	250 00

A few larger trees priced upon request.

Q. bicolor. SWAMP WHITE OAK. (L) Thrives well in either wet or dry situations. It is one of the best-growing and most desirable Oaks in cultivation.

	Each	10
8 to 10 ft.	$2 00	$17 50
10 to 12 ft.	3 00	

Q. coccinea. SCARLET OAK. (L) Tall pyramidal, especially valued for the sparkling red of its autumn foliage.

6 to 10 ft. . . . . $1 to $2.50 each

Q. macrocarpa. MOSSY CUP OAK. (L) Of massive open growth, with large heavy leaves, and deeply corrugated bark. The cups of the large acorns are curiously fringed, as with gray moss. Among the noblest of all the species.

10 to 12 ft., 1½ to 2½ in. cal. . . $2.50 to $5 each

Q. palustris. PIN OAK. (L) A tree of especial grace and beauty; the most popular of all Oaks; unsurpassed as lawn specimens, admired for avenues, and withstands well the unnatural conditions of our cities. As the tree grows the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the fall. We have a large stock of these desirable trees that have straight trunks, good heads, and have recently been transplanted.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$70 00
10 to 12 ft., 1½ to 2 in. cal.	2 00	18 00	175 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	22 50	200 00
14 to 18 ft., 2½ to 3 in. cal.	3 50	32 50	300 00

Larger and heavier trees, 3 to 4 in. cal., $5 to $10 ea.

Q. pedunculata, var. Concordia. GOLDEN OAK. (S) Beautiful golden yellow foliage, that holds its color throughout the season. Odd and desirable.

4 to 6 ft. . . . . $2 each

var. fastigiata. PYRAMIDAL OAK. (S) A narrow columnar tree of dense, compact habit. It is a splendid thing, especially for small areas and formal plantings. The dark green leaves remain green until long after frost.

	Each	10
5 to 6 ft.	$1 50	$12 50
6 to 8 ft.	2 50	
8 to 10 ft.	3 50	

Q. Phellos. WILLOW-LEAVED OAK. (L) A symmetrical, round-headed, fast-growing tree, of medium size, that is uncommon and ornamental. Prefers moist soils.

	Each	10
8 to 10 ft., bushy	$2 50	$20 00
10 to 12 ft., bushy	3 00	25 00

Quercus Prinus. CHESTNUT OAK. (L) Of tall, vigorous growth, with leaves shaped like a chestnut.

	Each	10
8 to 10 ft	$1 75	$15 00
10 to 12 ft., 2 to 2½ in. cal.	2 50	20 00

Q. Robur. ENGLISH OAK. (M) A spreading, long-lived tree, with leaves that are dark green and smaller than those of our native species. Well adapted for lawns and public grounds.

	Each	10	100
8 to 10 ft.	$1 25	$10 00	$80 00
10 to 12 ft., 2 to 2½ in. cal.	2 00	18 00	175 00
12 to 14 ft., 2 to 2¾ in. cal.	2 50	22 25	200 00

Q. rubra. RED OAK. (L) A large native tree, with deeply cut bright green leaves. It is a good grower and not particular about the soil. In autumn the foliage turns a rich, purplish crimson, that is scarcely surpassed in brilliancy by any other tree. This Oak is one of the fastest growing varieties; it makes a splendid lawn or shade tree and possesses the characteristics required of an avenue tree.

	Each	10	100
5 to 6 ft.	$0 75	$6 50	$60 00
6 to 8 ft.	1 00	9 00	85 00
8 to 12 ft.	$1.50 to 5 00		

The Pin Oaks (*Quercus palustris*) make a good shade and street tree that matures quite quickly. We have a splendid stock

Six plants of the same varieties will be supplied at the price per doz., 25 at the price per hundred, 250 at the price per thousand

The foliage of the Ginkgo, or Salisburia, does look like the leaves of a maiden-hair fern. The tree is one of the best for city and suburban planting

Robinia · Locust

Robinia hispida. Rose Acacia. (VD) Usually a shrub, but our stock has been top-grafted on stems 3 to 4 feet high, and makes handsome little trees with small round heads. The branches closely resemble those of the moss rose, the leaves are similar to those of other Locusts. In June or July long panicles of rose-colored flowers hang from the branches.

	Each	10
3 to 4 ft., grafted heads	$1 00	$7 50

R. Pseudacacia. Black Locust. (L) A familiar tree of rapid growth that thrives in any place. The pinnate foliage is light and airy. In June the tree is fragrant with panicles of white flowers, and very ornamental. Its growth is rapid. The timber is so durable that it is valued for commercial purposes.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$35 00
10 to 12 ft.	1 25	7 50	60 00

Salisburia

Salisburia adiantifolia. Ginkgo, or Maidenhair Tree. (M) Recently this tree has sprung into great popularity, and it merits the praise it receives. It is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair Fern. But its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds and useful for street planting. Of medium height, pyramidal in growth, sparsely branched and of characteristic irregular outline.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$60 00
8 to 10 ft., 1¼ to 1¾ in. cal. .	1 50	12 50	100 00
10 to 12 ft., 1½ to 2 in. cal. .	2 00	17 50	

Salix · The Willows

A large family of trees which embraces varied forms, and includes some of our commonest and most ornamental trees. They are hardy throughout the temperate zone. Willows will grow almost anywhere and need not necessarily be planted beside streams and waterways, as is commonly supposed. They mature so quickly that they are very satisfactory to plant for quick effects. The golden-barked varieties are especially interesting and attractive in winter when the leaves have left their brilliant branches.

Salix alba; syn., **regalis**. (M) Upright habit, strong grower and very hardy; slender light gray branches, and narrow silvery gray leaves. The bush forms are well suited for quick-growing mass plantings or for wet soils. The tree forms are better for individual planting.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
4 to 5 ft. bush form . .	50	4 00	30 00
8 to 10 ft., 1¾ to 2½ in. cal.	1 25		

Salix Babylonica. Weeping Willow. (M) This is the well-known Weeping Willow, whose long, pendulous branches droop so gracefully and sway to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places.

	Each	10	100
6 to 7 ft., light., 2 yrs. .	$0 35	$2 50	$20 00
8 to 10 ft., 1 to 1½ in. cal.	1 00	8 00	75 00

Prices on a few handsome specimens for immediate effects, 20 to 25 ft. high, 6 to 8 in. cal., $20 to $25 each.

Salix Babylonica, var. dolorosa. WISCONSIN WEEPING WILLOW. (L) A strong-growing form, very similar to the above, but considered hardy further north.

	Each	10	100
6 to 7 ft., 2 yrs.	$0 35	$3 00	$25 00

S. Caprea. GOAT WILLOW. (S) A quick-growing shrubby tree, which is pretty in the first warm days of spring with a multitude of small fur-like catkins along its branches. Often called "Pussy Willow."

	Each	10	100
5 to 7 ft., bush form . .	$0 75	$5 00	$40 00

var. pendula. KILMARNOCK WILLOW. (D) A curious umbrella-shaped form with silvery gray leaves. Our stock has been grafted on stems 4 or 5 feet in height and makes attractive little trees, covered in spring with soft fur-like catkins.

	Each	10
4 to 6 ft., heavy 3-yr. grafted heads.	$1 50	$12 50

S. elegantissima. THURLOW'S WEEPING WILLOW. (L) Similar to *S. Babylonica*, equally strong grower but more hardy. In our nurseries we have found this Willow a wonderfully rapid and stalwart grower.

	Each	10	100
5 to 7 ft., 2 yrs.	$0 35	$3 00	$25 00
6 to 8 ft., 1 to 1¼ in. cal. .	75	6 00	50 00

S. incana; syn., rosmarinifolia. ROSEMARY WILLOW. (D) A handsome odd-looking tree with rounded head, slender twigs and small silvery leaves.

	Each	10	100
3 to 4 ft., bush forms	$0 35	$3 00	$25 00
6 to 7 ft.	1 50		

S. pentandra. BAY, or LAUREL-LEAVED WILLOW. (S) Has narrow, dark green glossy leaves, that shine conspicuously in the sunlight. A strong grower at the seashore, along water edges or high ground. It is much used, and the bush form that we offer makes desirable screens and the tree-shaped plants are valued as specimens.

	Each	10	100
4 to 6 ft., 2-yr. bush form . .	$0 35	$3 00	$25 00
8 to 10 ft., 1½ in. cal.	1 25	10 00	70 00

S. purpurea, var. pendula. NEW AMERICAN WILLOW. (D) $2 each.

S., Russian. GOLDEN. (S) Strong hardy grower with golden twigs tinted with red at the ends. Similar to *S. Britzensis*

	Each	10	100
3 to 4 ft., 2 yrs., .	$0 35	$3 00	$25 00
5 to 6 ft.	75	6 00	50 00

S. vitellina, var. aurea. (M) Grows into a massive, low-headed tree. Light green leaves and brilliant golden yellow bark that is particularly bright in the leafless months of winter. It makes a fine specimen with a personality that other trees do not possess.

	Each	10	100
5 to 7 ft., 2 yrs. .	$0 35	$3 00	$25 00

var. aurea pendula. (M) The branches are more weeping than the above, otherwise similar.

	Each	10	100
6 to 8 ft.	$0 70	$4 00	$35 00
8 to 10 ft. . . .	75	5 00	40 00

Salix vitellina, var. Britzensis. SALMON-BARKED WILLOW. A form of the above, with the yellow bark on the younger wood tinted with red.

	Each	10	100
4 to 6 ft., 2 yrs.	$0 35	$3 00	$25 00

var. glauca. (S) A tree we brought from Europe several years ago. It has slender branches and small narrow green leaves that are silvery beneath. The bark is slatish gray. A good tree or large bush for willow plantations.

	Each	10	100
3 to 4 ft., cut back . .	$0 35	$3 00	$25 00
4 to 6 ft., 2 yrs.	50	4 00	35 00
6 to 8 ft., bushy	75	5 00	40 00

Sassafras

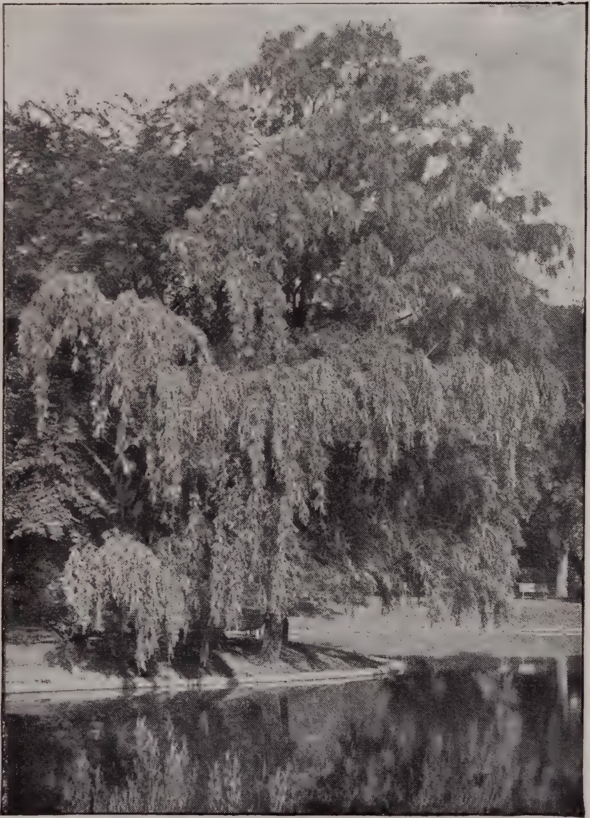
Sassafras officinale. (S) Our familiar native that is so gorgeous in the fall with its brilliant coat of crimson and yellow.

	Each	10	100
2 to 3 ft.	$0 75	$6 00	$50 00

Sophora

Sophora Japonica. JAPAN PAGODA TREE. (S) Small shining green leaves. In August, when there are few other flowers, this is showy with clusters of creamy white bloom. The wood of young twigs is olive-green.

	Each	10	100
1½ to 2 ft.	$0 50	$3 50	$30 00
2½ to 3 ft., bushy . . .	1 00		



The graceful Weeping Willow (*Salix Babylonica*), page 34, does just as well upland as it does on water edges. It grows quickly and is inexpensive

Sorbus · Mountain Ash

Sorbus (Pyrus) aucuparia. EUROPEAN MOUNTAIN ASH. (M) A tree of neat habit with attractive compound leaves. Flat corymbs of white flowers in May, succeeded in July by showy clusters of orange-red berries that hold on a long time.

	Each	10	100
5 to 6 ft.	$0 50	$4 00	$30 00
6 to 8 ft.	75	5 00	40 00

var. pendula. WEEPING MOUNTAIN ASH. Has the same kind of flower and fruit as the parent form. $1 each.

var. quercifolia. OAK-LEAVED MOUNTAIN ASH. (M) Is similar in habit to the above and has leaves shaped like those of an oak. Very pretty and ornamental tree that is valuable for lawn plantings, where a small tree is needed.

	Each	10
5 to 6 ft.	$0 75	$6 00

The American Linden (*Tilia Americana*) is popular for almost all purposes. Our 10- to 12-foot trees listed on this page will give at once the result shown here

Taxodium · Cypress

Taxodium distichum. DECIDUOUS, or BALD CYPRESS. (L) Grows rapidly and thrives well in damp or dry soils. Very beautiful when in full leaf, with its fleecy, light green, cheerful foliage. It is a remarkable tall, narrow-headed tree, of conical outline that is popular for ornamental, specimen and formal planting.

	Each	10	100
3 to 4 ft.	$0 75	$6 00	$50 00
4 to 6 ft.	1 00	8 00	
10 to 12 ft., 2 to 3 in. cal. .	2 50	20 00	

Tilia · Linden, or Lime

These are large, rapid-growing lawn and avenue trees, that develop rounded heads and cast a cool, dense shade. Their light yellow flowers are very fragrant, and the large leaves heart-shaped. Lindens are hardy and grow well on any moderately good soil.

Tilia Americana. AMERICAN LINDEN, or BASSWOOD. (L) A rapid-growing native that develops into a large, broad open-headed tree. The large, heart-shaped leaves cast a dense shade. It is hardy and grows in almost any soil. In spring it has small yellow flowers that fill the air with fragrance. One of the best shade trees for lawn planting. Also desirable for street and avenue.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.	$1 50	$12 50	$100 00
10 to 12 ft., 1¾ to 2½ in. cal.	2 00	17 50	150 00

T. argentea; syn., **tomentosa.** SILVER-LEAVED LINDEN. (L).

	Each	10
6 to 8 ft.	$1 25	$10 00

var. pendula. WEEPING SILVER LINDEN. $2.

T. dasystyla. CRIMEAN LINDEN. (M) Dark glossy green leaves. Good habit and distinct.

	Each	10
6 to 8 ft.	$1 25	$10 00
9 to 11 ft.	2 00	

T. platyphyllos. BROAD-LEAVED EUROPEAN LINDEN. (L) The head of this tree is not so open as that of the American species; its leaves and the surface of them is rough. The small flowers open at least a week earlier in spring. In other respects it possesses characteristics similar to those of all Lindens.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	
8 to 10 ft.	1 75	15 00	$125 00
10 to 12 ft., 1¾ to 2½ in. cal.	2 50	20 00	175 00

var. laciniata. CUT-LEAVED LINDEN. (M). 5 to 7 ft., $1.50 to $2.50.

T. vulgaris, var. rubra. EUROPEAN LINDEN. (L) Appearance of this variety is very similar to *T. platyphyllos.* The leaves are smaller and the bark of the branches is dark red and attractive in winter. Forms a dense, symmetrical shade tree.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$70 00
8 to 10 ft., 1¾ to 2 in. cal. .	1 50	12 50	100 00
10 to 12 ft., 2 to 2½ in. cal. .	2 50	22 50	
12 to 14 ft., 2 to 3 in. cal. .	3 50	30 00	

15 to 20 ft., 3 to 5 in. cal., $4 to $10 each

Ulmus · The Elms

In landscape planting the Elm is generally useful. It is of massive proportions, long-lived and the branches spread into graceful arches that support a drooping fringe of twigs. The heads are so open that electric wires do not injure them, a desirable feature of all street trees. It is extensively used for wide lawns, parks or public grounds, over which they cast their cooling shade.

Ulmus Americana. AMERICAN ELM. (L) This familiar tree, which arches many New England streets, grows well in other sections. Its rapid growth and especial grace make it unsurpassed for urban and suburban planting.

	Each	10	100
6 to 8 ft.	$1 25	$10 00	$80 00
8 to 10 ft.	1 50	12 50	100 00
10 to 12 ft., 1¾ to 2½ in. cal.	2 50	22 50	
12 to 14 ft., 2 to 3 in. cal.	3 50	32 50	

U. campestris. ENGLISH ELM. Equally fine and imposing and is just about as useful as our native variety. Holds its leaves a longer time than the American variety.

	Each	10
8 to 10 ft.	$1 75	$15 00
10 to 12 ft., 1½ to 2 in. cal.	2 50	22 50
12 to 14 ft., 2 to 3 in. cal.	3 00	27 50

var. monumentalis. MONUMENTAL ELM. (L) Erect, columnar form, very effective when used in a formal planting scheme.

	Each	10
6 to 7 ft.	$1 75	$15 00

var. Wheatleyii. GUERNSEY, or CORNISH ELM. (L).

	Each	10	100
8 to 9 ft.	$2 00	$17 50	$160 00
12 to 14 ft.	3 50	30 00	

Ulmus Scabra; syn., **montana.** WYCH, or SCOTCH ELM. (L).

	Each	10	100
6 to 7 ft.	$1 00	$7 50	$70 00

var. latifolia. BROAD-LEAVED ENGLISH ELM. (L) Larger foliage than that of the English Elm, and a good grower.

	Each	10
12 to 14 ft., 2 to 2¾ in. cal.	$3 00	$27 50

var. Dovæi. (M) Upright vigorous growth and well adapted for street planting.

	Each	10
6 to 8 ft.	$1 25	$10 00

var. Huntingdoni. HUNTINGDON ELM. (L) One of the best Elms for any purpose. Fine shade tree.

	Each	10
8 to 10 ft.	$1 50	$12 50

var. pendula. CAMPERDOWN ELM. (D). Its branches grow horizontally into crooked, contorted shapes; covered with handsome, dark green leaves. Splendid for specimen planting.

	Each	10
6 ft., strong, 3-yr. heads	$2 00	$17 50

var. purpurea. (M) The leaves are a rich purple when they first appear in the spring and fade until the tree is very similar to other Elms by midsummer.

	Each	10
6 to 8 ft.	$1 25	$10 00

Who would know that this planting hides an objectionable object from view? We can produce similar results almost immediately at very little cost

Our stock has helped to make many such beautiful park plantings

Deciduous Shrubs

WHETHER planted individually or collectively, the shrub is an important feature in the adornment of any grounds. There are locations which suggest the planting of individual shrubs, which are allowed space for symmetrical development, and in such locations their grace and beauty cannot be surpassed. In groups they can be made to emphasize some feature of the lawn, to screen some unsightly object or to destroy the strong, stiff lines of foundation walls. At the edges of the lawn, along walks and drives, or in distant corners, a collection of shrubs may be gathered together that will give a succession of bloom from the opening of spring until frost comes to destroy the flowers. Shrubs with purple and yellow leaves should be added, to give character and contrast to the planting. When the leaves have gone, the brilliant fruits of other species and bright, conspicuous bark of certain shrubs add variety and interest to the monotony of winter.

The assortment we offer includes varieties suited to every purpose, and our strong, well-rooted plants produce immediate effects that are not possible with smaller and lighter sizes.

Special prices will be made on Shrubs in large quantities. Shrubs that usually grow over 12 feet are marked (L); from 8 to 12 feet (M); from 6 to 8 feet (S); 3 to 6 feet (D), and 3 feet and below (VD).

Æsculus

Æsculus parviflora; syn., **Pavia macrostachya.** DWARF HORSE-CHESTNUT. (L) July. A broad, large shrub of great beauty.

	Each	10
1 to 1½ ft.	$0 75	$6 00
1½ to 2 ft.	1 00	8 00

AMELANCHIER

Amelanchier botryapium. JUNEBERRY. (M) April.
2½ to 3 ft. . 50c. ea., $3.50 for 10, $22.50 per 100

Amygdalus · Almonds

Amygdalus communis, var. alba flore pleno. WHITE-FLOWERING ALMOND. (D) Erect, slender branches, covered in May with small, very double and fragrant white flowers.
3 to 4 ft. . . 50 cts. each, $4 for 10, $35 per 100

var. rosea flore pleno. PINK-FLOWERING ALMOND. (S) In this case a multitude of small double pink flowers line the branches in May.
3 to 4 ft. . . 50 cts. each, $4 for 10, $35 per 100

Amorpha

Amorpha fruticosa. FALSE INDIGO. (L) Terminal panicles of pretty, odd and attractive bluish purple flowers in July.

3 to 5 ft. . . . . . . 50 cts. each, $3.50 for 10

Andromeda

Andromeda Mariana. LILY-OF-THE-VALLEY SHRUB. (D) A neat little plant with bright green leaves, valuable in groups and at the front of shrubberies. In early spring it is fragrant with small, waxy white flowers.

1 ft. . . . . 50 cts. each, $4 for 10, $35 per 100

Aralia

Aralia Japonica. CHINESE ANGELICA. (L) Straight thick branches armed with sharp thorns. Leaves 1 to 3 feet long. Very ornamental but odd. Grows quickly in any soil. Enormous flat clusters of white flowers in August.

4 to 6 ft. . . . . 50 cts. each, $4 for 10

A. pentaphylla; syn., **Acanthopanax pentaphyllum.** (M) Splendid for rocky banks, slopes and mass plantings. Slender, prickly branches. Shining green leaves. Luxuriant, lustrous foliage until late autumn.

2 to 3 ft. . 35 cts. each, $2.75 for 10, $15 per 100

A. spinosa. HERCULES' CLUB. (L) A native, almost identical with the *A. Japonica*, described above.

	Each	10	100
3 to 4 ft.	$0 40	$3 50	$27 50
4 to 5 ft.	50	4 00	30 00

AZALEAS

Among the most gorgeous and best flowering plants in cultivation. They are useful in all landscape work, and can be employed in bedding or massing, and particularly in connection with Rhododendrons and Kalmias, or whereever a natural effect is desired. The native kinds grow well in heavy moist soil; all are partial to shady places. After the flowering season is over remove the seed-pods to increase the next season's bloom.

Azalea amœna. The handsome little evergreen variety which is fully described and listed among "Evergreen Shrubs," on page 16. This variety is also very suitable to associate with Deciduous Shrubs in beds and borders.

A. arborescens. FRAGRANT WHITE AZALEA. (M) Flowers white tinged with rose and very fragrant. A good native variety.

1½ ft. . . . . 75 cts. each, $6 for 10

A. calendulacea. FLAME AZALEA. (S) May and June. Almost scentless but gorgeous with a multitude of large orange-yellow or fiery red flowers that last a long time.

1 to 1½ ft. . 75c. each, $6 for 10, $55 per 100

Azalea mollis. CHINESE AZALEA. (D) This little plant is literally covered with bloom in April or May. The flowers are rather larger than those of some other Azaleas. The bloom shows a multiplicity of colors in shades of red, yellow and white.

	Each	10	100
1½ to 2 ft., heavily budded .	$1 00	$7 50	$60 00
2½ to 3 ft., standard form .	2 00	17 50	

Named varieties of distinct color.

1 to 1½ ft., heavily budded . . $1.25 ea., $10 for 10, $80 per 100.

A. nudiflora. PINXTER FLOWER, or WOOD HONEYSUCKLE. (S) A native fond of moist places, and beautiful in May with pinkish white flowers.

1½ ft. . . . 75 cts. each, $6 for 10, $55 per 100

A. Pontica. GHENT AZALEA. (D) April. This species is unequaled for brilliancy and variety of color. The habit is very similar to *A. mollis;* the flowers not quite so large or perfect; the colors possibly a little more delicate. Desirable.

1½ to 2 ft. . . $1 each, $7.50 for 10, $65 per 100

A. Vaseyi. SOUTHERN AZALEA. (S) Rosy white flowers. April.

1½ ft., ... 75 cts. each, $6 for 10

A. viscosa. WHITE AZALEA. (S) June and July. Fragrant white flowers, shaded with rose. Grows in moist or dry ground.

1 to 1½ ft. . . . . 75 cts. each, $6 for 10

Benzoin

Benzoin odoriferum; syn., **Lindera Benzoin.** SPICE BUSH. (M) March and April. As soon as frost goes the leafless branches are clothed with small yellow flowers, succeeded later by scarlet berries. Splendid shrubs for mass effects in natural plantings.

	Each	10	100
2½ to 3 ft.	$0 35	$2 50	$17 50
3 to 4 ft., heavy	50	3 50	25 00

Berberis Thunbergii. How neat and attractive it is. Imagine the beautiful scarlet foliage of this plant in the autumn. This Berberis makes splendid hedges and is also suited for shrubbery purposes and mass planting. (See page 40)

BERBERIS · THE BARBERRIES

A valuable group of small shrubs, admired for their foliage and brilliant fruits that cling along the leafless branches at a time when few other shrubs are attractive. They can be grown in dry and sandy soils, as well as in other places. The dense habit, slender thorny branches and ability to withstand clipping make the Barberries invaluable for low hedges and boundaries. They are much admired for the front of shrubberies, for groups and wherever small shrubs are desired. Plant in spring or fall.

Berberis buxifolia; syn., **dulcis.** (S) Splendid habit; leaves resemble those of the familiar Boxwood and almost evergreen.

1 to 1½ ft. . . . 50 cts. each, $4 for 10, $30 per 100

B. ilicifolia. HOLLY-LEAVED BARBERRY. (S) May.

3 ft., heavy . . . . 75c. each, $6.50 for 10

B. Thunbergii. THUNBERG'S JAPANESE BARBERRY. (S) May. Invaluable little shrub that fits in with almost every planting. Will grow just about anywhere, and has handsome foliage of tiny bright green oval leaves, that turn the most brilliant shades of orange and red in the fall. The slender, graceful branches which are protected by small thorns, are lined with little scarlet berries of great attractiveness from early autumn well into the winter. Be sure to have some of these Barberries on your lawn.

	Each	10	100	1,000
1 to 1½ ft. . .	$0 25	$2 00	$15 00	$120 00
1½ to 2 ft. . .	30	2 50	18 00	150 00
2 to 2½ ft. . .	40	3 00	25 00	200 00

B. vulgaris. COMMON BARBERRY. (S) May. An erect sturdy grower with light green prickly leaves. Clusters of golden yellow flowers; later dark red berries that last throughout the winter.

	Each	10	100
1 to 1½ ft	$0 20	$1 75	$12 00
1½ to 2 ft.	25	2 00	15 00
2½ to 3 ft.	35	3 00	20 00

var. purpurea. PURPLE BARBERRY. (S) May. Habit similar to the above. The foliage is dark purple throughout the season and on this account is one of the very best shrubs for foliage contrast.

	Each	10	100
1 to 1½ ft.	$0 20	$1 75	$12 00
2 to 3 ft.	30	2 50	18 00

BACCHARIS

Baccharis halimifolia. GROUNDSEL TREE, or SALT BUSH. (M) September. Desirable for autumn and winter effects because of the beautiful crop of cotton-like seed vessels that cover it when so little else is attractive. Grows rapidly anywhere, and is especially suited for seaside planting.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$20 00
4 to 5 ft., heavy	50	4 00	30 00
5 to 6 ft., heavy	60	5 00	35 00

Callicarpa

Callicarpa Japonica. (D) August. Similar to the familiar *C. purpurea;* not dependable as far north, but a better grower. Equally ornamental.

	Each	10	100
1 ft.	$0 15	$1 25	$10 00
1½ to 2 ft.	30	2 50	18 00

Callicarpa purpurea. (D) August. Slender branches gracefully laden with tiny pink flowers and later with a multitude of violet-colored berries. Valuable for late season effects and mass plantings.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
1½ to 2 ft.	35	2 50	20 00

CALYCANTHUS

Calycanthus floridus. ALLSPICE, or SWEET SHRUB. (M) June. An old-fashioned shrub of strong, upright habit. Chocolate-colored flowers of delicious fragrance hide themselves among the broad lustrous foliage. Thrives in open or shaded places.

	Each	10	100
1 to 1½ ft.	$0 20	$1 75	$12 00
2 to 3 ft.	25	2 00	15 00
3 to 3½ ft.	40	3 00	25 00

C. occidentalis. (M) June. Similar to, but larger growing than the above.

Good roots . 35c. each, $2.50 for 10, $18 per 100

Caragana

Caragana arborescens. SIBERIAN PEA TREE. (L) May. Bright yellow pea-shaped flowers and graceful pinnate leaves.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
1½ to 2 ft.	35	2 50	20 00

Caryopteris

Caryopteris Mastacanthus. BLUE SPIREA. (D) September. Valued most for the lateness of its blue flowers.

	Each	10	100
1-year, strong plants . .	$0 15	$1 25	$10 00
2-year, strong plants . .	25	2 00	15 00

Ceanothus

Ceanothus Americana. NEW JERSEY TEA. (S) June. Panicles of tiny white flowers, good foliage. Useful for massing in dry soil and shady places

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$20 00
1½ to 2 ft.	40	3 00	25 00

Cephalanthus

Cephalanthus occidentalis. BUTTON BUSH. (S) July to September. Ball-like clusters of white flowers. Bright glossy foliage. Hardy, strong grower. Splendid for groups and masses in moist soil and at water edges.

1 ft. . . . . 25 cts. each, $2 for 10, $15 per 100

CERCIDIPHYLLUM

Cercidiphyllum Japonica. (L) A shrub or small tree with handsome leathery foliage that is especially ornamental. Turns bright yellow and scarlet in fall.

	Each	10	100
1½ to 2 ft.	$0 50	$4 00	$35 00
5 to 6 ft.	1 00	7 50	60 00

Cercis · Judas, or Red Bud

Very early in spring the leafless branches and twigs of these small trees or shrubs are clothed in a thick mist of delicate deep pink flowers. Planted among other early-blooming trees they produce fine effects, or as single specimens are beautifully attractive. Their radiant flower masses are followed by glossy foliage.

Cercis Canadensis. AMERICAN RED BUD. (L) Small, rapid-growing, round-headed tree or bush.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$30 00
5 to 6 ft., very fine	75	6 00	50 00
6 to 7 ft., very fine	1 00	7 50	60 00

C. Japonica. JAPAN JUDAS. (S) More dwarf, larger and more brilliant flowers.

2 to 3 ft. . 35 cts. each, $2.50 for 10, $20 per 100

Chionanthus

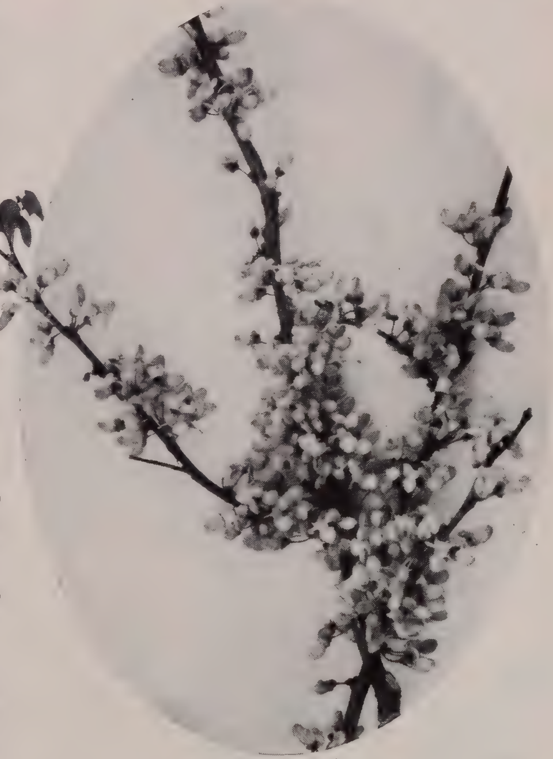
Chionanthus Virginica. WHITE FRINGE TREE. (L) May and June. A large shrub (frequently a small tree) that grows easily and is generally desirable. Has dark green leaves and fragrant drooping open clusters of white flowers, succeeded by small, bluish, plum-like fruits.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
2 to 3 ft.	50	4 00	30 00
3 to 4 ft.	75	6 00	

CLETHRA

Clethra alnifolia. PEPPER BUSH. (S) July and September. A native woods plant with fragrant white flowers.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$20 00
3 to 4 ft., collected	25	2 00	15 00



Cercis Canadensis, or American Judas. Deep pink flowers like these clothe this shrub in April

Colutea

Colutea arborescens. BLADDER SENNA. (L) June to September. A strong-grower, with small foliage and yellow pea-shaped flowers. The curious bronze-colored seed-pods are inflated with air. The Colutea is not very particular about the soil it has to live in, but prefers a sunny location.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
4 to 5 ft.	50	3 50	25 00

CORNUS · THE DOGWOOD

Dogwoods are strong growers in almost any soil, and are hardy from the warmer parts of Canada southward. They thrive nearly as well in shaded places as in the open ground. While the bush forms are not remarkable for their flowers, they are especially valued for the brilliant coloring of the bark, which is very attractive in the leafless months of winter. Cornus are particularly suited for mass planting.

Cornus alba, var. Gouchaulti aurea. (M) Variegated foliage, red branches.

2 to 2½ ft. . 50c. each, $3.50 for 10, $25 per 100

var. Sibirica. RED SIBERIAN DOGWOOD. (L) Bright red branches.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	
3 to 4 ft.	35	2 50	$20 00

Cornus alba, var. Spæthi aurea. (M) Leaves edged with yellow.

2 to 3 ft. . . . . 50 cts. each, $4 for 10

C. alternifolia. (L) Distinct habit, blue berries.

3 ft. . . . . 50 cts. each, $3.50 for 10

C. florida. For description and prices, look among trees, page 27.

Cornus glabrata. (M) White fruits.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2 to 3 ft.	35	2 50	20 00
5 ft., good stock, but light	35	2 50	20 00

C. mas; syn., **mascula.** CORNELIAN CHERRY. (L) April. Yellow flowers, scarlet berries in autumn.

	Each	10	100
1½ to 2 ft.	$0 25	$1 75	$12 00
2 to 3 ft.	30	2 00	15 00

C. paniculata. PANICLED, or GRAY DOGWOOD. (L) May and June.

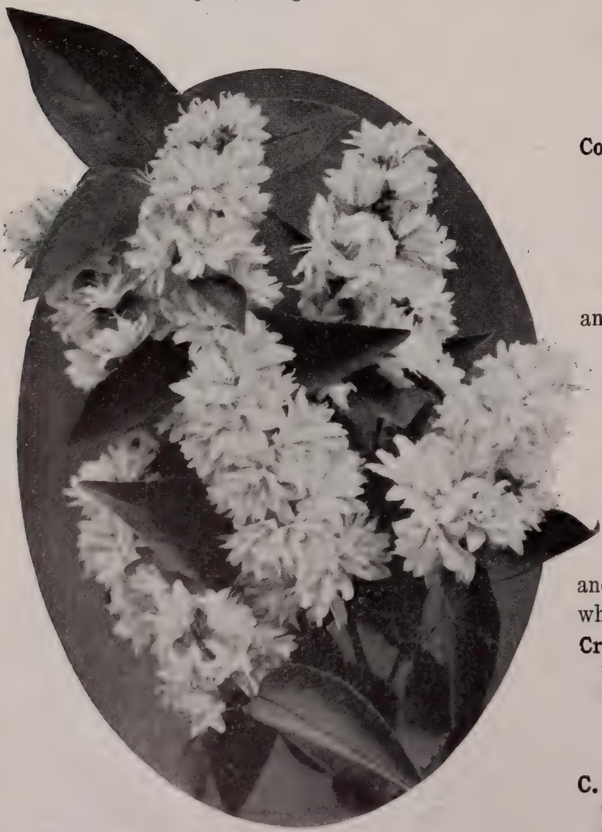
4 to 5 ft., good stock, but light . . 35 cts. each, $2.50 for 10, $20 per 100

C. sanguinea. (M) May or June. Greenish white flowers, followed in the fall by small black berries. The purple or dark blood-red branches are beautiful in winter.

	Each	10	100
2 to 3 ft.	$0 30	$2 50	$18 00
3 to 4 ft.	40	3 00	25 00
5 to 7 ft., heavy clumps	1 00	7 50	50 00

C. sericea. SILKY CORNEL. (M) June and July. Dull red branches, leaves covered with silky down; fruit clusters light blue in late fall.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 6 ft.; good, but light.	25	2 00	15 00



The flowers of all of the varieties of *Deutzia crenata* are similar to these; the principal difference being in the color of them. Deutzias are one of the best flowering shrubs. (See opposite page.)

Cornus stolonifera; syn., **alba.** RED OSIER DOGWOOD. (M) May. Spreading habit, dark red bark and white berries.

3 to 4 ft. . 35 cts. each, $2.50 for 10, $15 per 100

var. aurea. GOLDEN-TWIGGED DOGWOOD. (M) Conspicuous with bright yellow bark in winter; splendid for contrast effects.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
1½ to 2 ft.	25	2 00	18 00

CORYLUS

Corylus Avellana. EUROPEAN HAZELNUT, or FILBERT. (L) Strong-growing habit, with dark rough leaves and edible fruits.

4 to 5 ft. . . 50 cts. each, $4 for 10, $30 per 100

VARIETIES OF CORYLUS AVELLANA. The named varieties that we have grow as well as the parent form, and are just as ornamental, with the added value of having larger and better fruit.

2 to 2½ ft. . 50 cts. each, $4 for 10, $35 per 100

C. maxima, var. purpurea. PURPLE HAZELNUT. We have no hesitancy in recommending this grand shrub as the best purple-leaved one in cultivation. It is comparatively immune from the attack of insects and throughout the season, even until fall, its rich purple foliage retains the color.

3 to 4 ft. . . 50 cts. each, $4 for 10, $35 per 100

Cotoneaster

Cotoneaster Simonsi. (D) June. Desired for its small, handsome, half evergreen foliage.

2 to 2½ ft. . 35 cts. each, $2.50 for 10, $20 per 100

Cratægus · Thorn

The Thorns are strong, hardy growers in almost any soil or climate. They make dense, bushy shrubs or little trees, and are particularly bright and attractive when the autumn foliage changes to brilliant colors. They flower abundantly in May and June, and are fragrant and showy. They occupy but little space and can be used in small areas. Some varieties have very ornamental fruits which make pleasing fall and winter decorations. Most kinds are capable of being sheared and may be trained into thick, dense hedges, which their thorns make almost impenetrable.

Cratægus coccinea. SCARLET THORN. (L) A useful, hardy native with white flowers in April or May, succeeded later by scarlet fruits.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00
4 to 5 ft.	75	5 00	35 00

C. cordata. WASHINGTON THORN. (L) A desirable species flowering in June, coloring brightly in the fall, and hung with red fruit well into winter.

6 to 7 ft., very bushy . . . $1 each, $7.50 for 10, $50 per 100

ratægus Crus-Galli. COCKSPUR THORN. (M) Neat in appearance, strong growth; very hardy, and used for hedging and grouping. The thorny branches grow out horizontally. The leaves color brilliantly in autumn. Bright scarlet or orange-colored fruits.

3 to 4 ft., bushy . 50c. each, $3.50 for 10, $25 per 100

. Oxyacantha. ENGLISH HAWTHORN. (M) Well known in all English gardens, and popular here. Bears clusters of single white, fragrant flowers in May and later scarlet fruit.

2 to 3 ft. . . 35c. each, $2.50 for 10, $20 per 100

var. alba flore pleno. DOUBLE WHITE HAWTHORN. (D).

4 to 5 ft. . . . 75c. each, $5 for 10, $40 per 100

var. coccinea flore pleno. PAUL'S DOUBLE SCARLET THORN. (M) Covered in May with beautiful fragrant crimson flowers. Good foliage and generally desirable.

4 to 5 ft. . . . 75c. each, $5 for 10, $40 per 100

var. rosea flore pleno. DOUBLE PINK HAWTHORN. (M) With fragrant double rose-colored flowers.

4 to 5 ft. . . . 75c. each, $5 for 10, $40 per 100

CYDONIA

Cydonia Japonica; syn., Pyrus Japonica. JAPAN QUINCE. (M) March and April. A popular old-fashioned shrub that bursts forth during the first warm days of spring with a dazzling array of pink or scarlet flowers.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
1½ to 2 ft.	25	2 00	15 00

CYTISUS

Cytisus Laburnum. GOLDEN CHAIN. (L) Bright in early summer, with graceful racemes of golden wistaria-like flowers.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	
5 to 6 ft.	75	6 00	$50 00

var. pendula. WEEPING GOLDEN CHAIN.

4 to 6 ft. . . . . $1 each

DAPHNE

Daphne Mezereum, var. alba. (D) March. Fragrant white flowers.

1 to 2 ft., bushy . 50c. ea., $4 for 10, $35 per 100

DEUTZIAS

A family of profuse-flowering shrubs, generally hardy and well adapted to most soils. Useful for rubberies, groups or specimens, and the smaller kinds are also desirable for forcing.

EUTZIA CRENATA, var. CANDIDISSIMA. DOUBLE WHITE DEUTZIA. (M) June. A vigorous grower with double white flowers borne in panicles.

	Each	10	100
1½ to 2 ft., bushy	$0 25	$2 00	$15 00
3 to 4 ft.	35	3 00	25 00
6 to 8 ft., very bushy clumps	1 00	7 50	50 00

var. rosea plena. DOUBLE PINK DEUTZIA. (M) June. The flowers are tinged with soft pink. Exceedingly dainty and beautiful.

3 to 4 ft., bushy . 35c. ea., $3 for 10, $25 per 100

var. Pride of Rochester. (M) Last of May. Equally as robust as the above, with larger panicles of bloom. Double white flowers, with under side of petals rose.

	Each	10	100
2 to 3 ft., bushy	$0 25	$2 00	$15 00
3 to 4 ft., bushy	35	3 00	25 00
5 to 6 ft., bushy clumps	75	5 00	40 00
6 to 8 ft., bushy clumps	1 00	7 50	50 00

var. Watereri. (L) Single, pink, bell-shaped flowers.

	Each	10	100
1 to 1½ ft., bushy	$0 25	$2 00	$15 00
3 to 4 ft.	35	3 00	25 00

var. Watsonii. (M) June. Of Chinese origin. Double white flowers.

	Each	10	100
3 to 4 ft., bushy	$0 35	$3 00	$25 00
6 to 8 ft., very bushy clumps	1 00	7 50	

var. Wellsi. (M) June. Double white flowers, tinged with pink.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., bushy	35	3 00	25 00
5 to 6 ft., bushy clumps	75	5 00	35 00
6 to 8 ft., very bushy clumps	1 00	7 50	50 00

DEUTZIA GRACILIS. DWARF DEUTZIA. (D) May. An old-fashioned dense shrub, blooms in shaded as well as sunny places. Single, pure white flowers.

1 to 1½ ft. . 25 cts. each, $2 for 10, $12 per 100

var. ROSEA. (D) May. Single, pink flowers.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
2 to 3 ft.	35	3 00	20 00

var. VENUSTA. (D) May. Long spikes of single pure white flowers that closely resemble those of an azalea.

	Each	10	100
1 to 1½ ft., bushy	$0 25	$1 75	$12 00
1½ to 2 ft., bushy	35	2 00	18 00

D. Lemoinei. LEMOINE'S DEUTZIA. (D) May. A popular bush with snow-white flowers borne abundantly along the slender branches.

	Each	10	100
1 to 1½ ft., bushy	$0 25	$1 75	$12 00
1½ to 2 ft., bushy	35	2 50	18 00

var. COMPACTA. (D) May. Similar to the above, but of a more compact habit.

1½ ft. . . . . 25c. each, $2 for 10, $15 per 100

D. SCABRA. ROUGH-LEAVED DEUTZIA. (S) June. Clusters of single, white bell-shaped flowers.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
4 to 5 ft., bushy	50	4 00	30 00
5 to 6 ft., bushy clumps	75	6 00	
6 to 8 ft.	1 00	7 50	

Six plants of the same variety will be supplied at the price per dozen, 25 at the price per 100, 250 at the price per 1,000. We make no additional charge for packing.

DIERVILLA · THE WEIGELAS

An important group, indispensable for ornamental plantings. They thrive in any soil, are stron growers and generally hardy. When young of upright habit, growing with age into more gracef shrubs. Useful as specimens, and desirable for groups or masses. In May or June the Weigelas ar aglow with a wealth of flowers, borne all along their branches, and some varieties flower sparingl through the summer.

Diervilla floribunda, var. Lavallei. (M) June. Deep crimson flowers that last for a long while.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	3 50	

D. FLORIDA; syn., **ROSEA.** (S) May or June. A strong symmetrical grower with good foliage. Blooms profusely, some flowers are delicate pink, others rose and some few almost white.

	Each	10	100
1½ to 2 ft., bushy	$0 25	$2 00	$15 00
4 to 5 ft., bushy	50	4 00	30 00
5 to 6 ft., very bushy . . .	75	5 00	40 00
6 to 8 ft., very bushy clumps.	1 00	7 50	

var. amabilis. (S) May or June. Flowers similar to the above, habit more open.

	Each	10	100
3 to 3½ ft.	$0 35	$2 50	$20 00
4 to 5½ ft., very bushy .	60	4 50	35 00

var. versicolor. (M) June. The leaves are attractively margined with silvery markings.

Diervilla, or Weigela. These are familiar flowers in old gardens; those of the different varieties are all similar in shape. They differ in size and color.

Diervilla florida, var. versicolor, continued

One of the best variegated shrubs. Flower greenish white, changing later to crimson.

2 to 2½ ft. . 50c. each, $3.50 for 10, $30 per 10

var. candida. (M) June. Erect grower wit white flowers.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 0
3 to 4 ft., bushy	30	3 00	25 0
5 to 6 ft., very bushy clumps	75	5 00	40 0

var. Isoline. (M) June. White flowers tha turn slightly pink with age.

	Each	10	100
1½ to 2 ft., bushy	$0 25	$2 00	$15 0
3 to 4 ft.	35	2 50	20 0

var. NANA VARIEGATA. (M) June. Th silvery variegated leaves hold their color well An excellent shrub for color contrast. Bear innumerable pale pink flowers and is highl desirable.

	Each	10	100
1 to 1½ ft.	$0 15	$1 25	$10 0
1½ to 2 ft.	20	1 50	12 0
4 to 5 ft., bushy	50	4 00	30 0
5 to 6 ft., bushy clumps .	75	5 00	40 0

D. Japonica, var. rubra; syn., **Hortensis rubra** (S) June. Light crimson flowers.

	Each	10	100
2½ to 3 ft.	$0 35	$2 50	
4 to 5 ft., bushy	50	4 00	$35 0
6 ft., very bushy	75	6 00	

D. sessilifolia; syn., **lutea.** (M) July. Termina clusters of yellow flowers. Bright attractiv foliage that turns to reddish brown in fall.

3 to 4 ft. . . . 50c. each, $4 for 10, $30 per 10

DIERVILLA HYBRIDS

These flower at the close of May and occasionall through the summer. They bloom as lavishly an grow as vigorously as the parent forms, attaining a height of from 5 to 8 feet.

Abel Carriere. Rose-carmine, yellow spot in throat

2 to 3 ft. . . 35c. each, $2.50 for 10, $20 per 10

Conquete. Pink flowers larger than those of an other kind; fine foliage.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$30 0
4 to 5 ft.	60	5 00	40 0

Desboisi. Deep rose-colored flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 0
3 to 4 ft., bushy	35	3 00	25 0
4 to 5 ft., bushy	50	4 00	
5 to 6 ft., very bushy . .	75	5 00	

Duchartre. Large flowers; dark red.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$18 0
2½ to 3 ft.	35	2 50	

DIERVILLA HYBRIDS, continued

EVA RATHKE. The best red-flowered kind; almost a continual bloomer.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
4 to 5 ft., bushy	60	4 00	35 00

Gustave Mallet. Light pink, bordered with white.
3 to 4 ft. . . 35 cts. each, $3 for 10, $25 per 100

Hendersoni. Compact habit, pink flowers.
2 to 3 ft. . 35 cts. each, $2.50 for 10, $20 per 100

Steltzneri. Rosy pink flowers.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
6 to 8 ft., very bushy clumps	1 00	7 50	50 00

Symondsii. Rose and white flowers, beautifully contrasted.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	25 00
6 to 8 ft., very bushy clumps	1 00	7 50	

Van Houttei. Clear carmine flowers; profuse bloomer.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
4 to 5 ft., bushy	50	4 00	30 00
6 to 8 ft., very bushy clumps	1 00	7 50	

Dirca

Dirca palustris. LEATHERWOOD. (S) March. Yellow flowers. Good for moist places.
2 to 3 ft. . . 40 cts. each, $3 for 10, $25 per 100

ELÆAGNUS

Elæagnus longipes; syn., **edulis.** JAPANESE OLEASTER, SILVER THORN. (D) May. Silver leaves. Profusion of scarlet berries in July.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
1½ to 2 ft.	25	2 00	18 00
3 ft.	50	3 50	25 00

E. parviflora. (L) May. Spiny stems; fragrant flowers, followed by silvery fruits that are pink when ripe.
5 to 6 ft., heavy . . . . 75 cts. each, $5 for 10

E. umbellata. (M) The flowers are yellowish white and fragrant, the fruit scarlet and showy. It ripens later than *E. parviflora.*

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$30 00
8 to 10 ft.	1 25	10 00	80 00

Euonymus

A large group of evergreen and deciduous shrubs that show a wide diversity of character. For the evergreen species, see chapter on Evergreen Shrubs, page 18.

Euonymus elatus. CORK-BARKED EUONYMUS. (M).

	Each	10
1½ to 2 ft.	$0 75	$6 00
2 to 2½ ft.	1 00	

Euonymus Americana. STRAWBERRY BUSH. (M) Similar to *E. Europæus;* leaf a little larger.
2 to 3 ft. . . 35c. each, $2.50 for 10, $20 per 100

E. Bungeanus. (M) Rapid grower with yellow fruits.
4 to 6 ft. . . 40c. each, $3.50 for 10, $30 per 100

E. EUROPÆUS. EUROPEAN BURNING BUSH. (L) May. Erect shrub or small tree. Good foliage, and desirable in shrubbery masses. Most attractive in autumn when covered with orange-scarlet seed-vessels.
3 to 4 ft. . . . 25c. each, $2 for 10, $15 per 100

EXOCHORDA

Exochorda grandiflora. PEARL BUSH. (M) May. A hardy Chinese shrub of rare merit, with slender branches and small leaves. Most beautiful in bloom when covered with fragrant clusters of pure white, starry flowers that are sometimes an inch in diameter. Admired in all collections and especially adapted for individual planting.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
5 to 6 ft., heavy	75	5 00	40 00

FORSYTHIA · GOLDEN BELL

Familiar hardy shrubs that burst into bloom as winter is leaving. The bright golden yellow, star-like flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season. The "Golden Bells" grow easily, attain a height of 8 feet, and are ornamental in leaf as well as flower. They are useful for almost any purpose, but indispensable in groups and masses.

FORSYTHIA FORTUNEI. FORTUNE'S FORSYTHIA. (M) Erect branches and handsome broad, dark green leaves.

	Each	10	100
2 to 2½ ft., cut back . .	$0 35	$2 50	$18 00
3 to 4 ft.	40	3 00	20 00
4 to 6 ft., heavy	50	4 00	35 00
6 to 8 ft., heavy clumps .	1 00	7 50	60 00

var. aurea variegata. (M) Golden variegated leaves.
3 to 4 ft. . . 35c. each, $2.50 for 10, $20 per 100

F. intermedia. (L) April. Slender, erect or arching branches, narrower leaves and vigorous grower.

	Each	10	100
3 to 4 ft.	$0 40	$3 00	$25 00
6 to 8 ft., very heavy . .	1 00	7 50	

F. suspensa. (M) Characterized by the graceful drooping habit. Frequently planted by itself and for covering arches and trellises.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
4 to 5 ft.	60	4 50	35 00
5 to 6 ft., heavy clumps .	1 00	7 50	50 00

FORSYTHIA VIRIDISSIMA. (M) April. Erect shoots, spreading branches and bright, glossy green, narrow leaves.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
5 to 6 ft., bushy	75	5 00	40 00

var. variegata. (M) Similar to the above, with variegated leaves.

1 to 1½ ft. . 35 cts. each $2.50 for 10, $20 per 100

The Forsythias are veritable harbingers of spring, Their familiar golden flowers are the first to appear

Hamamelis

Hamamelis Virginica. WITCH-HAZEL. (L) ber. A strong grower in any soil, but succeeds best in moist places. Remarkable for small, odd yellow flowers that open just as its leaves are brightening, with autumn tints. Hardy in Canada. Valuable for massing and wild effects.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$18 00
3 to 3½ ft.	50	3 50	25 00

HIBISCUS SYRIACUS

Althea, or Rose of Sharon

Familiar shrubs, deserving of more popularity than they receive. Altheas will grow almost anywhere from Ontario southward, and their abundance of bloom comes at an almost flowerless time,—from July to September. There is a wide diversity of color in the flowers of different varieties, though all of the plants are the same upright character and grow about 12 feet in height. They should be used in every shrubbery border, are valuable as specimens and make beautiful screens for hedges. Altheas are one of the best deciduous hedge plants, forming a thick, stout bush, when properly sheared and trained.

See below, names and descriptions of some of the best varieties, with sizes that we can supply.

Prices of Hibiscus or Altheas

	Each	10	100
1½ to 2 ft.	$0 20	$1 50	$12 00
2 to 3 ft.	25	2 00	15 00
3 to 4 ft.	35	2 50	18 00
4 to 5 ft.	50	3 50	25 00
5 to 6 ft.	75	5 00	40 00

VARIETIES OF HIBISCUS, or ALTHEAS

Alba plena. White, with red center. 1½ to 2 ft., 2 to 3 ft., 4 to 5 ft.

Amaranthus. Reddish purple. 2 to 3 ft.

Amplissima. Rosy red; early bloomer. 3 to 4 ft.

Ardens. Familiar purplish blue variety. 3 to 4 ft.

Boule de Feu. Very double red. 1½ to 2 ft., 2 to 3 ft., 3 to 4 ft.

Carnea plena. Flesh-color. 3 to 4 ft.

Comte de Haimont. Delicate pink. 1½ to 2 ft., 2 to 3 ft., 4 to 5 ft., 5 to 6 ft.

Double Rouge. Very double; dark red. 1½ to 2 ft., 2 to 3 ft., 3 to 4 ft.

Duc de Brabant. Large, dark rose, free blooming. 2 to 3 ft., 3 to 4 ft.

Duc de Bretegne. Shaded rose, nearly pink. 2 to 3 ft., 3 to 4 ft.

Duchesse de Brabant. Similar to Duc de Brabant, reddish lilac. 1½ to 2 ft.

Folia variegata. One of the best variegated-leave shrubs, but not conspicuous in flower. 1½ to 2 ft., 2 to 3 ft., 3 to 4 ft.

Joan of Arc. Pure white; very double. 1½ to 2 ft., 2 to 3 ft., 3 to 4 ft., 5 to 6 ft.

Lady Stanley. White, shaded rose. 3 to 4 ft.

Monstrosa. Very large; white flowers. 2 to 3 ft., 5 to 6 ft.

Pæoniflora. White, with cherry-red center; very floriferous. 1½ to 2 ft., 2 to 3 ft., 3 to 4 ft., 5 to 6 ft.

Totus albus simplex. Large, single, pure white. 2 to 3 ft.

Van Houttei. White, with red center. 2 to 3 ft.

HYDRANGEA

No class of shrubs is better known than the Hydrangeas, because they include some of the most showy flowering plants that are found in cultivation. They grow easily, have no insect enemies, and, with the exception of the Hortensis varieties, are reliably hardy. A crowning feature is that they bloom during the comparatively flowerless months of July and August.

Hydrangea arborescens. (S) June and July. A bushy plant from our native woods, with corymbs of white flowers in June and July. It is the most hardy of Hydrangeas, and particularly desirable for planting in shady places.

	Each	10	100
2½ to 3 ft.	$0 35	$3 00	$25 00
3 to 4 ft.	50	4 00	30 00

H. hortensis, var. Mariesi. (S) Large handsome foliage. Flat heads of violet-blue, sterile flowers.

Heavy, 5 yr., field-grown plants . $1 ea., $7.50 for 10

var. monstrosa. (S) Blue, larger flowers than the familiar *H. Otaksa*, mentioned below.

3 yr., field-grown plants . . 50c. each, $4 for 10, $30 per 100

var. Otaksa. (S) June to August. The pink or blue Hydrangea so frequently seen in tubs and vases, heavily laden with numerous large round flower-heads.

2 yr., field-grown plants . . 50c. each, $4 for 10, $30 per 100

var. Thomas Hogg. (S) June to August. Similar to the above, with large white flowers.

3 yr., field-grown plants . . 50c. each, $4 for 10, $30 per 100

var. ramulis pictis. (S) Flowers pink or blue; branches purplish black.

3 yr., field-grown plants . . 50c. each, $4 for 10, $30 per 100

H. paniculata. (M) August to September. Foliage and habit similar to the better-known Great-panicled Hydrangea. Flowers in loose open clusters. Splendid for shrubberies.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	

var. grandiflora. GREAT-PANICLED HYDRANGEA. (M) From July to September there is no shrub more showy than this favorite Hydrangea, whose branches are bent beneath the weight of the huge white flower clusters; as the season advances the flower panicles fade into tints of pink and red. Always dependable.

	Each	10	100
1½ to 2 ft.	$0 25	$1 75	$12 00
2 to 3 ft.	35	2 50	15 00
3 to 4 ft.	50	3 50	25 00
3 to 4 ft., standard form	60	4 50	35 00
4 to 5 ft., standard form	75	6 00	45 00

H. quercifolia. OAK-LEAVED HYDRANGEA. (D) August.

	Each	10	100
1 to 1½ ft.	$0 50	$4 00	$35 00
2 to 3 ft.	75	6 00	

Hypericum · St. John's Wort

Hypericum aureum. (D) July to September. A stiff, dense shrub that bears abundant yellow flowers at a time when little else is blooming. Hardy as far north as Massachusetts; grows well in moist, stony ground and shaded places. A small plant, useful at the front of shrubbery borders.

2 to 2½ ft. . . 35c. each, $3 for 10, $25 per 100

H. MOSERIANUM. GOLD FLOWER. (VD) June until frost. A low, creeping plant, with bright green leaves that make a pretty setting for the golden yellow flowers.

Strong, 1-yr.-old plants . . . 25c. each, $2 for 10, $15 per 100

H. calycinum. ROSE OF SHARON, or AARON'S BEARD. (VD) July to Sept. A good ground cover and border plant, with thick tufts of evergreen foliage. Bears showy yellow flowers.

Good plants . . 25c. each, $2 for 10, $15 per 100

Hibiscus, or Althea. We have a large assortment of varieties, in single- and double-flowered forms, some of the colors are beautiful and because they come in July and August, when few other shrubs are in bloom, they are valued all the more. See page 46

Halesia

Silver Bell, or Snowdrop Tree

Halesia diptera. (L) June. A southern variety, not reliably hardy north of Philadelphia, but beautiful when covered with its fragrant white flowers.

	Each	10
2 to 3 ft.	$0 35	$3 00
4 to 6 ft.	75	5 00

H. tetraptera. (L) Drooping branches that are laden in early spring with fragrant, pure white flowers that resemble snowdrops. Grows in most any good soil and in shaded places. Is generally useful, though not reliably hardy north of New York.

	Each	10
2 to 3 ft.	$0 35	$3 00
3 to 4 ft.	50	3 50

Ilex

Ilex verticillata. BLACK ALDER, or WINTERBERRY. (S) A very hardy native shrub, with attractive foliage and habit. Most ornamental in autumn and winter when covered with brilliant red berries.

1½ to 2 ft. . 35c. each, $2.50 for 10, $20 per 100

Leaves and berries of *Ligustrum Ibota.* This form and its variety Regelianum, which is similar, make good hedges and are hardy in places where the familiar California Privet will not endure. See description, page 49.

Itea

Itea Virginica. VIRGINIAN WILLOW. (S) A splendid thing for natural planting in moist places. Racemes of fragrant white flowers in June. Rich crimson foliage in the autumn.

1 to 1½ ft. . . 25c. each, $2 for 10, $15 per 100

Jasminum

Jasminum nudiflorum. YELLOW JASMINE. (S) February or March. Hardy only in sheltered places north of Philadelphia; admired for its yellow flowers in the first warm days of spring.

	Each	10	100
1½ to 2 ft., 2-yr.	$0 25	$2 00	$15 00
2 to 3 ft.	35	2 50	20 00

J. officinale. JESSAMINE. Not quite so hardy as the former, but is popular in the South, where its fragrant white flowers blossom in summer.

1½ to 2 ft., 2-yr, . 25c. each, $2 for 10, $15 per 100

KERRIA, or CORCHORUS

Shrubs with tender, bright green branches that are ornamental even when divested of leaves. They grow in almost any soil, and do well in open or shaded places. All varieties have attractive foliage, and are invaluable at the front of shrubberies or in groups by themselves. Orange-yellow flowers are borne abundantly in May and sparingly through the summer. All the winter-killing that these plants will receive south of New York City is not apt to hurt them much. It is unfortunate that persons further north cannot depend upon these grand shrubs for mass and border plantings.

Kerria Japonica (simplex). (S) Single flowers. Very floriferous.

2 to 2½ ft. . 35c. each, $2.50 for 10, $20 per 100

var. argentea variegata. (S) A desirable silvery variegated form, useful for contrasts.

1 to 1½ ft. . 25c. each, $2 for 10, $17.50 per 100

var. aurea variegata. (S) This form has golden variegated leaves.

1 to 1½ ft. . 25c. each, $2 for 10, $17.50 per 100

var. flore pleno. GLOBE FLOWER. Similar to *K. Japonica* in appearance, with double rosette-like flowers.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2 to 2½ ft.	35	2 50	20 00

Lespedeza

Lespedeza bicolor. SHRUBBY BUSH CLOVER. (S) July. Tiny purple flowers in nodding racemes.

2½ to 3 ft. . 50c. each, $3.50 for 10, $25 per 100

L. Sieboldii; syn., **desmodium penduliflorum.** (D) September.

Strong plants, 3 to 3½ ft. . . 50c. each, $3.50 for 10, $25 per 100

Hedge of California Privet, photographed two years after being planted by us. We have a grand stock that will give just as quick results

Ligustrum · Privet

A group of ornamental shrubs, including, besides the California Privet, some most desirable plants. The Privets are not particular as to soil, and they grow rapidly in open places or beneath the shade of trees. In shrubbery borders and masses their good qualities can be appreciated as well as in the hedges by which they are best known. They are seldom attacked by insects; withstand shearing and can be kept at any height or clipped into artificial shapes.

Ligustrum Amurense. AMOOR PRIVET. (L) More hardy than the California Privet. Erect habit, small leaves, almost evergreen. Desirable as a hedge plant.

2 to 3 ft. 25 cts. each, $2 for 10, $15 per 100, $100 per 1,000.

L. ciliatum; syn., **medium.** (M) Spreading habit. One of the hardiest kinds. Drops its leaves early, revealing an abundance of black berries.

	Each	10	100
1 to 1½ ft., bushy	$0 20	$1 50	$10 00
3 to 4 ft., bushy	35	2 50	20 00

L. Ibota. (M) June and July. Arching habit, narrow leaves and fragrant white-flower clusters. Reputed as being the hardiest of all Privets. Also a good hedge plant and splendid shrub for decorative purposes on any loam. Foliage turns a dark red in the autumn.

2 to 3 ft. 25 cts. each, $2 for 10, $15 per 100, $120 per 1,000.

var. Regelianum. (S) Similar to the above; branches more dense and twiggy. Excellent for border plantings and untrimmed hedges.

	Each	10	100	1,000
2 to 3 ft.	$0 35	$2 50	$18 00	$150 00
3 to 4 ft., bushy clumps.	50	4 00		
4 to 5 ft., bushy clumps.	75	6 00		

California Privet (*Ligustrum ovalifolium.* L)

Widely known as a hedging plant; it is a vigorous grower anywhere, endures the unnatural conditions of cities and is one of the best shrubs for seaside planting. The half-evergreen, glossy foliage and pure white flowers in July make it an ornamental shrub that is generally useful. Not reliably hardy north of Boston.

	Each	10	100	1,000
1 to 1½ ft., 1-yr.	$0 15	$0 60	$4 00	$25 00
1½ to 2 ft., 1-yr.	20	75	5 50	30 00
2 to 2½ ft., 1-yr.	25	1 00	7 00	35 00
2½ to 3 ft., cut back . .	35	1 25	10 00	55 00
3 to 3½ ft., cut back . .	40	2 00	15 00	100 00
4 to 5 ft., very heavy . .	50	3 00	20 00	150 00
4 to 5 ft., standard forms, heavy heads . . .	75	5 00	40 00	

Ligustrum ovalifolium, var. aurea variegata. (M) A form with golden variegated leaves. Valued for foliage contrasts when planted in front of darker shrubs.

1 to 1½ ft. . . 25 cts. each, $2 for 10, $15 per 100

L. vulgare. EUROPEAN PRIVET. (M) June. Narrow leaves, suited for shady places and to withstand neglect.

1 to 1½ ft. . 20 cts. each, $1.50 for 10, $10 per 100

Lonicera · Honeysuckle

A varied genus that includes vines and shrubs. For the vines, see page 65. The bush varieties are in demand for shrubbery groups and borders. They are hardy and grow easily. Their fragrant flowers are admired in spring, but another attraction is the brilliant fruit that follows in the summer and fall.

Lonicera Morrowi

Lonicera Alberti. SIBERIAN HONEYSUCKLE. (D) June. Half-trailing shrub, with tiny leaves and deliciously fragrant, violet-blue flowers.

1½ ft. . . 35 cts. each, $2.50 for 10, $18 per 100

L. bella albida. (M) Bears profusion of white flowers, followed by scarlet fruits that hang on a long while and make a grand showing.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	18 00
4 to 5 ft.	40	3 00	25 00
5 to 6 ft.	50	4 00	30 00

L. fragrantissima. (M) April. Small creamy white flowers of a delightful fragrance, borne in profusion. The deep green foliage is retained until winter. Makes a handsome specimen.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	25 00

Lonicera Morrowi. JAPANESE HONEYSUCKLE. (M) May. An open bush with crooked branches, dark green leaves and small white flowers. The red fruit is especially ornamental and lasts a long while.

2 to 3 ft. . . 25 cts. each $2 for 10, $15 per 100

L. Tartarica (rubra). TARTARIAN HONEYSUCKLE. (S) May. A useful old-fashioned shrub with slender, upright branches. Small, fragrant, pink, crimson or blush flowers, followed by attractive red or orange-yellow berries.

	Each	10	100
1½ to 2 ft.	$0 20	$1 50	$12 00
2 to 3 ft.	25	2 00	15 00
3 to 4 ft.	40	3 00	20 00

var. alba. (S) White flowers alone distinguish it from the above.

	Each	10	100
1½ to 2 ft.	$0 20	$1 50	$12 00
2 to 3 ft.	25	3 00	15 00

var. grandiflora. (S) Double pink flowers.

	Each	10
2 to 3 ft.	$0 35	$2 50
3 to 4 ft.	50	3 50

L. xylosteum. FLY HONEYSUCKLE. (M) May. A shapely, erect bush, with distinct dull green leaves. Inconspicuous yellowish white, fragrant flowers.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	4 00	30 00

Myrica

Myrica cerifera. WAX MYRTLE. (M) A seashore plant with reddish flowers and heavy fragrant foliage. Partially evergreen.

2 to 3 ft. . . . . 50c. each, $4 for 10

M. gale. BAYBERRY, or SWEET GALE.

1 to 2 ft. . . . . 50c. each, $4 for 10

Philadelphus · Mock Orange, or Syringa

Well-known shrubs of strong, vigorous habit, that will grow almost anywhere. They are desired for individual planting and for all shrubbery effects.

Philadelphus Billardii. (S) June. Blooms a week or two later than other kinds. Is desirable for extending the season.

2 to 2½ ft. . . 35c. each, $3 for 10, $25 per 100

P. cordifolius. (S) June. Adapted to drier soils; attractive heart-shaped leaves. A handsome strong-growing variety. We have some big clumps for immediate effects.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 4½ ft.	50	3 50	25 00
6 to 8 ft., heavy	1 00	7 50	50 00

Philadelphus coronarius. GARLAND MOCK ORANGE. (S) May. A vigorous, hardy old favorite of erect, compact habit. Fragrant early white flowers.

2 to 2½ ft. . 35c. each, $2.50 for 10, $20 per 100

var. foliis aureis. GOLDEN MOCK ORANGE. (S) Flowers sparingly, but is admired for the golden foliage, which is bright throughout the summer. A desirable edging to shrubberies.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$20 00
1½ to 2 ft.	50	4 00	30 00

Philadelphius deutzia flore pleno. (D) June. Double flowers.

1½ to 2 ft. . 35c. each, $2.50 for 10, $20 per 100

P. grandiflorus. (M) May or June. Forms a large spreading bush with graceful, drooping branches; a strong grower; flowers slightly fragrant. A common and desirable shrub.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft., heavy	50	4 00	30 00
5 to 6 ft., heavy	75	5 00	40 00

P. inodorus. SCENTLESS MOCK ORANGE. (M) June. Almost identical with the above.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
5 to 6 ft., heavy	75	5 00	40 00
6 to 8 ft., heavy clumps .	1 00	7 50	50 00

P. laxus. (L) Strong grower, large fragrant flowers; very desirable.

3 to 4 ft. . . 50c. each, $3.50 for 10, $25 per 100

P. Lemonei. (M) June. Graceful habit, fragrant flowers in clusters.

2 to 3 ft. . . . 25c. each, $2 for 10, $15 per 100

var. erectus. (M) June. Fragrant yellowish white flowers.

1½ to 2 ft. . 35c. each, $2.50 for 10, $20 per 100

var. Mont Blanc. (S) June. Upright growth; small leaves and fragrant flowers.

2 to 2½ ft. . 35c. each, $2.50 for 10, $20 per 100

P. Nepalensis. (M) June. Leaves slightly tinted with yellow.

3 to 4 ft. . . 50c. each, $3.50 for 10, $25 per 100

Philadelphus nivalis. (S) June. Small white flowers of exceptional purity.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	50	4 00	30 00
6 to 8 ft., heavy clumps .	1 00	7 50	

P. Pekinensis. (S) June. Free blooming, with narrow leaves and dense fragrant flowers.

1 to 2 ft. . . 35c. each, $2.50 for 10, $20 per 100

P. pubescens. (L) June. Large handsome leaves and scentless flowers.

4 to 5 ft. . . . 50c. each, $4 for 10, $30 per 100

P. Zeyheri. (S) June. A showy southern variety of spreading graceful habit.

4 to 5 ft. . . . . 50c. each, $4 for 10

Photinia

Photinia villosa. (L) June. White flowers in corymbs, succeeded by brilliant red fruits and bright autumn foliage. Useful for natural and tall-growing mass plantings.

2 to 3 ft. . . 35c. each, $2.50 for 10, $20 per 100

Potentilla

Potentilla fruticosa. SHRUBBY CINQUEFOIL. (D) All summer its low-spreading branches are bright with yellow flowers and narrow, fuzzy leaves. Grows in dry or wet soils and stony places.

	Each	10	100
1 ft.	$0 35	$2 50	$20 00
2 to 3 ft.	75	5 00	

The flowers of the familiar Mock Orange, or Philadelphus, are similar in all varieties. There are botanical differences, and some are more fragrant than others. The variety Grandiflorus pictured here is one of the best

Prunus

Prunus besseyi. Western Sand Cherry, or Rocky Mountain Dwarf Cherry. (S)

2½ to 3 ft. . . . . 50 cts. each, $4 for 10

P. Pissardi. Purple-leaved Plum. (L) A little tree with dark purple leaves that keep their lustrous coloring even through the summer and fall. Small pinkish white flowers cover it.

	Each	10
4 to 5 ft.	$0 75	$6 00
6 to 7 ft.	1 00	8 00

P. triloba. Double-flowering Plum. (M) May. A strong-growing, hardy shrub, with delicate pink, double flowers and slender branches. Very ornamental.

3 to 4 ft. . . 50 cts. each, $4 for 10 $35 per 100

Ptelea · Hop Tree

Ptelea trifoliata. (L) June. Bright shining foliage, clusters of white flowers succeeded by an abundance of ornamental seed vessels that cling tenaciously for a long while. Suited for mass plantings.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$18 00
4 to 5 ft.	35	2 50	20 00
5 to 7 ft.	50	4 00	30 00

var. aurea. Golden Hop Tree. (L) June.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	
3 to 4 ft.	50	4 00	$30 00
4 to 5 ft.	60	4 50	35 00

Pyrus

Pyrus arbutifolia. Choke Berry. (L) May. Clusters of small white flowers, succeeded in August by bright red berries that remain until winter. Bright crimson autumn foliage.

4 to 5 ft. . . 50 cts. each, $4 for 10, $30 per 100

Rhamnus

A group of small-growing shrubs or trees that are well suited for mass and border plantings, especially in public grounds where subjected to abuse. Grow in city atmosphere and in partial shade. Have ornamental berries in the autumn.

Rhamnus Caroliniana. Indian Cherry. (L)

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
3 to 4 ft.	50	3 50	25 00

R. catharticus. Buckthorn. (L) June and July.

	Each	10	100
2 to 3 ft.	$0 20	$1 50	$10 00
3 to 4 ft., heavy	35	2 50	20 00
6 to 8 ft., very heavy . .	75	5 00	35 00

R. Frangula. (L)

4 to 5 ft. . . 35 cts. each, $3 for 10, $25 per 100

Rhodora

Rhodora Canadensis. (D) April. Showy rose- and purple-colored flowers.

1 to 1½ ft. . 75 cts. each, $6 for 10, $55 per 100

Rhodotypus

Rhodotypus kerrioides. White Kerria. (S) A highly desirable shrub for almost any purpose, growing in all soils and succeeding as far north as Massachusetts. Resembles the Kerria in leaf and appearance. The graceful branches bear single white flowers in May and sparingly through the summer. Black berries follow in the fall.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$10 00
2 to 3 ft.	35	2 50	15 00

Rhus · Sumac and Mist Tree

The old-fashioned Mist Tree, or Smoke Bush (*R. Cotinus*), is familiar on many old-time lawns; but the Sumacs until lately have not been extensively used. They are splendid subjects for mass plantings and natural effects, because they are hardy, strong growers and possessed of beautiful foliage. The leaves of the cut-leaved sorts are as delicate as ferns. In autumn they all turn most gorgeous colors.

Rhus aromatica. Fragrant Sumac. (M)

2 to 3 ft. . . . . 75 cts. each, $5 for 10

R. Cotinus. Mist, or Smoke Tree. (L) July.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	4 00	30 00
4 to 6 ft.	75	5 00	35 00

R. Cotinoides. Chittam Wood. (L)

3 to 4 ft. . . . . 75 cts. each, $5 for 10

R. glabra, var. laciniata. Cut-leaved Sumac. (M).

1½ ft. . . . . 35c. each, $2.50 for 10

R. typhina, var. laciniata. Cut-leaved Staghorn Sumac. (L).

2 to 3 ft. . . . 50c. each, $4 for 10, $30 per 100

R. semilata, var. Osbeckii. Chinese Sumac. (M).

2 to 3 ft. . . . 50c. each, $4 for 10, $30 per 100

Ribes · Flowering Currants

Prized for their wealth of fragrant, small bright flowers in early spring, and for their hardiness.

Ribes alpinum. Mountain Currant. (S) Pale yellowish flowers.

1 to 2 ft. . . . 25c. each, $2 for 10, $15 per 100

R. aureum. Missouri Golden, or Buffalo Currant. (D) May. Golden yellow flowers.

2 to 2½ ft. . . 25c. each, $2 for 10, $15 per 100

R. floridum. Wild Black Currant. (S) Pendulous racemes.

3 to 4 ft. . . . . 35c. each, $2.50 for 10

R. Gordonianum. Gordon's Currant. (S) May. Crimson and yellow flowers.

2 to 3 ft. . . 35c. each, $2.50 for 10, $20 per 100

R. sanguineum. Red-flowered Currant. (S) May.

1½ to 2 ft. . 35c. each, $2.50 for 10, $20 per 100

Roses

The bush Roses described on page 59 are fre-uently used in shrubbery groups and borders, and lways show to advantage in such collections, specially the beautiful Japanese Sweetbrier Rose, *osa rugosa*. Look for it on page 62.

Rubus

ubus odoratus. FLOWERING RASPBERRY. (M) A strong, hardy native shrub that is highly valued for wild and mass plantings. Also for banks and steep terraces, where it takes root and spreads rapidly. Endures shaded places.

3 to 4 ft. . . 35c. each, $2.50 for 10, $20 per 100

Sambucus · Elder

Shrubs of strong growth and easy cultivation, hat are ornamental in flower, fruit and foliage. xcellent for masses; desirable for wild effects nd valuable for shaded places.

ambucus Canadensis. COMMON ELDER. (M) White flowers in June. Edible black berries in July and August.

	Each	10	100
4 to 5 ft.	$0 35	$2 50	$20 00
5 to 6 ft.	50	3 50	25 00

. nigra, var. aurea. GOLDEN ELDER. (S) May. Attractive throughout the season, and gives a tone of contrast in all plantings. Probably the most showy golden-leaved shrub, retaining its color all summer. In winter its yellow twigs show brightly, too.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	40	3 00	25 00
4 to 5 ft.	50	4 00	30 00

var. laciniata. CUT-LEAVED ELDER. (M)

	Each	10
1½ to 2 ft.	$0 25	$2 00
4 to 5 ft.	50	4 00

Spiræa Douglasi. The Spireas Billardi, Salicifolia and Tomentosa have similar flowers. They are conspicuous as summer-flowering shrubs and are especially desirable in mass and natural plantings.

Sambucus nigra, var. variegata. VARIEGATED ELDER. (M) May.

3 to 4 ft. . . 40 cts. each, $3 for 10, $25 per 100

S. racemosa, var. plumosa aurea. Fern-like golden foliage.

3 to 4 ft. . . . . . . 50 cts. each, $3.50 for 10

SPIREA

Indispensable shrubs of easy culture that differ so in size, character and time of bloom that here are varieties suited to almost every purpose.

piræa argentea; syn., canescens. (M) June to August. Panicles of white bloom: useful in the lower and wilder portions of the lawn.

2 to 2½ ft. . 25 cts. each, $2 for 10, $15 per 100

. arguta. (S) Early May. Almost identical with *S. Thunbergii.*

2 to 3 ft. . 35 cts. each, $2.50 for 10, $20 per 100

. Billardii. (M) July to September. Sparsely twigged; erect branches, crowned with narrow, dense spikes of bright pink flowers. A strong grower; useful in shrubberies.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00
4 to 5 ft.	60	4 00	30 00

Spiræa Billardii, var. alba. (S) July to September. A white-flowering form of the above, that seems equally desirable.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
3 to 4 ft.	50	3 50	25 00

var. Californica. (S) Flowers similar to the parent form.

2 ft. . . . 35 cts. each, $2.50 for 10, $20 per 100

S. Bumalda. June until frost. A bushy plant with good foliage, vigorous habit and abundant rosy pink, flat flower heads. Desirable as an edging to shrubberies.

	Each	10	100
1½ to 2 ft., ...	$0 25	$2 00	$15 00
3 to 4 ft., bushy clumps .	75	5 00	35 00

Spiræa Van Houttei. A most graceful and beautiful shrub with a wealth of lovely flowers in May. *Spiræa Reevesiana* is very similar

Spiræa Bumalda, var. Anthony Waterer. (S) June until frost. One of the most popular shrubs, possessing the characteristics and robust habits of the parent form, but with crimson flowerheads of a richer, brighter hue. Good foliage, frequently splashed with odd though pretty yellowish white markings. A beautiful edging and desirable plant at the front of shrubberies or wherever a low bush is required.

	Each	10	100
1 to 1½ ft., bushy	$0 25	$2 00	$15 00
1½ to 2 ft., bushy	35	2 50	18 00
2 to 2½ ft., bushy	50	3 50	25 00

S. callosa, var. alba. FORTUNE'S WHITE SPIREA. (S) All summer there are white flowers in flat clusters on this bushy shrub.

1 to 1½ ft. . . 25 cts. each, $2 for 10, $15 per 100

var. rosea superba. (S) Bright light rose-colored flowers alone distinguish it from the foregoing.

1½ ft. . . . . 25c. each, $2 for 10, $15 per 100

S. carpinifolia. (D) July. White spikes of bloom.

3 to 4 ft. . . . . 50c. each, $3.50 for 10

S. Douglasi. DOUGLAS' SPIREA. (S) Spikes of deep rose-colored flowers in July and August.

3 to 4 ft. . . 35c. each, $2.50 per 10, $20 per 100

S. Japonica, var. Fortunei. (S) June and July. Corymbs of rosy pink flowers.

	Each	10	100
2½ to 3 ft.	$0 25	$2 00	
3 to 4 ft.	35	2 50	$20 00

S. opulifolia; syn., **Physocarpus opulifolia.** (M) June. It is familiarly known as Ninebark. A large, vigorous growing shrub that bears an abundance of fragrant, flat clusters of white flowers.

Spiræa opulifolia, continued

	Each	10	100
3 to 4 ft., heavy	$0 35	$3 00	$25 00
4 to 5 ft., heavy	50	4 00	30 00
5 to 6 ft., very heavy	75	5 00	40 00
6 to 8 ft., heavy clumps	1 00	7 50	50 00

var. aurea. (M) June. Bright golden leaves in spring that darken as the season advances.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
4 to 5 ft.	50	4 00	30 00

S. prunifolia flore pleno. BRIDAL WREATH. (M) Early May. A hardy old-fashioned erect shrub that is still popular. As the leaves are opening, small snow-white double flowers wrap themselves along the branches in a lavish display of bloom. The little leaves color brilliantly in autumn.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2 to 3 ft.	35	2 50	20 00

S. Reevesiana. (M) Last of May. Beautiful clusters of white florets which bend the branches gracefully and cover them completely.

2 to 3 ft. . . 35c. each, $2.50 for 10, $20 per 100

var. flore pleno. Double flowers alone distinguish it from the above.

2 to 3 ft. . . 35c. each, $2.50 for 10, $20 per 100

S. rotundifolia. (M) June. Distinct and hardy, with white flowers and roundish leaves, remaining fresh until late in the fall.

2 to 2½ ft. . 35c. each, $2.50 for 10, $20 per 100

S. salicifolia, var. alba. WILLOW-LEAVED SPIREA. (S) June to September. Erect, strong habit, fond of wet ground, but succeeds almost anywhere. Useful for masses and wild effects.

	Each	10	100
2 to 3 ft.	$0 30	$2 50	$18 00
3 to 4 ft.	35	3 00	20 00
4 to 5 ft.	50	3 50	25 00

Spiræa semperflorens. (S) July to September. Pink.

3 to 4 ft. . . . . 35c. each, $2.50 for 10

S. Thunbergii. THUNBERG'S SPIREA. (S) April and May. A graceful bush, with innumerable small white flowers that crowd along its slender branches and shine as snow through the light green feathery foliage.

1 to 1½ ft. . . 25c. each, $2 for 10, $15 per 100

S. tomentosa. HARDHACK. (D) July to September. Flowers in deep pink panicles. Valued for low places and wild effects.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
4 to 5 ft.	75	5 00	

S. Van Houttei. (M) May. Among the very finest of flowering shrubs. A strong, hardy grower of graceful, drooping habit, with handsome foliage. The profusion of bloom weighs the slender branches and covers the bush with a beautiful canopy of white. Desirable from any standpoint.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
3 to 3½ ft.	50	3 50	25 00

Staphylea

Staphylea Colchica. BLADDER NUT. (M) May. Much admired for its panicles of fragrant white flowers, and later in the season for it curious inflated seed-vessels.

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$30 00
3 to 4 ft.	60	5 00	35 00

Styrax

Styrax Japonica. (L) A large shrub or small tree that merits the popularity it receives. Makes a fine display in June when hung full of its fragrant white bells.

2 to 3 ft. . . . 50c. each, $4 for 10, $35 per 100

Stephanandra

Stephanandra flexuosa. (S) A thick shrub, with graceful branches and small foliage that is almost as delicate as a fern, and turns a bronze-red in late summer and autumn. In June, small, inconspicuous fragrant flowers line the branches.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$18 00
5 ft., very heavy clumps .	1 00		

Symphoricarpus

Small native shrubs that are much used in shaded places and open masses. They grow well in almost any soil, are quite hardy and very ornamental, especially so when covered with berries in fall and winter. They grow 3 to 6 feet in height, have small leaves and slender branches.

Symphoricarpus Hyerii. A white-fruited variety we obtained from France. It has better and more lasting foliage than the other sorts.

1½ to 2 ft. . 25 cts. each, $2 for 10, $15 per 100

S. racemosus. SNOWBERRY. July and August. Small red flowers, succeeded by abundant white berries.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
2 to 3 ft.	30	2 50	18 00
3 to 3½ ft.	35	3 00	20 00

S. vulgaris; syn., **rubra.** CORAL-BERRY. July. Similar in character to the above; useful in the same ways. Purplish red berries in autumn.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2 to 3 ft.	30	2 50	18 00
3 to 4 ft.	35	3 00	20 00

var. variegatus. The leaves are variegated with golden yellow and green.

2 to 3 ft. . 35 cts. each, $2.50 for 10, $20 per 100

SYRINGA · THE LILACS

The Lilac among shrubs is like the maple among trees, "the most common and most indispensable." In many dooryards the neglected Lilacs continue to bloom with a fragrance and beauty that is surpassed by no other shrub. With the revival of old-fashioned gardens, their popularity increases; no shrubbery mass is complete without them. They are hardy, robust plants that do well and flower abundantly with little care. The large collection we offer embraces tall- and low-growing shrubs; kinds that will give a succession of bloom for several weeks.

Syringa Chinensis; syn., **Rothomagensis.** ROUEN LILAC. (M) May. A hybrid variety of merit. Has arching branches and large, loose, reddish purple flower-plumes that are variable in color. The narrow leaves differ from other Lilacs.

2 to 3 ft. . . 35 cts. each, $3 for 10, $25 per 100

var. alba. (M) May. A white-flowering variety of the above, with the same general characteristics. It looks very similar to the old-fashioned common white Lilac.

	Each	10
2 to 3 ft.	$0 50	$3 50
3 to 4 ft.	75	5 00

Syringa Japonica. (L) June. A tree-like form, with glossy leathery leaves. It is quite hardy, and the yellowish white flowers come after other Lilacs are through blooming.

	Each	10	100
2½ to 3 ft.	$0 50	$4 00	$30 00
3 to 4 ft.	75	5 00	35 00

S. Josikæa. CHIONANTHUS-LEAVED LILAC. (M) Late in May. A distinct type of tall growth with dark green leaves. The deep purple buds, arranged in loose panicles, open into light violet-colored flowers.

2 to 3 ft. . . . . 50c. each, $4 for 10, $30 per 100

The form of the different Lilac flowers does not vary much ; the size of the panicles, the color of the flowers and slight differences of habit are the distinguishing characteristics. All of them are deliciously fragrant and deservedly popular.

Syringa Pekinensis. (L) June. Small narrow leaves, yellowish white flowers.

5 to 7 ft., heavy . . . . $1 each

S. villosa. (S) A distinct type with late rosy pink flowers in large panicles. The foliage resembles that of the Chionanthus (White Fringe) and the plant is very bushy.

	Each	10
1 to 1½ ft.	$0 35	$2 50
4 to 5 ft., heavy	1 00	

S. vulgaris. Common Lilac. (M) May. The well-known old-fashioned Lilac so often seen in gardens. It is hardy and vigorous; endures neglect and blooms abundantly. The medium large panicles of bluish purple flowers are very attractive and useful for house decorations.

	Each	10	100
2 to 2½ ft.	$0 25	$2 00	$15 00
2½ to 3 ft.	35	2 50	20 00
3 to 4 ft., heavy clumps .	1 00	7 50	

var. alba. Common White Lilac. (M) May. Its general character is similar to the above. Flowers white.

3 to 4 ft. . . . . 75c. each, $5 for 10

VARIETIES OF SYRINGA VULGARIS

These flower abundantly, and their sweet fragrance scents the air about the second week in May. They grow to be 6 to 8 feet in height.

VARIETIES OF SYRINGA VULGARIS
continued

See below names and dscriptions of some of the best varieties, with sizes that we can supply.

	Each	10	100
1½ to 2 ft. .	$0 50	$3 50	$25 00
2 to 3 ft. .	75	6 00	40 00
3 to 4 ft. .	1 00	8 00	

Abel Carriere. Double, very large, pale blue flowers. 2 to 3 ft.

Alphonse Lavalle. Large panicles of double violet-blue flowers. 2 to 3 ft.

Belle de Nancy. Double white flowers that are tinged with purple. 2 to 3 ft., 3 to 4 ft.

Charles X. A strong grower with loose trusses of reddish purple flowers. 1½ to 2 ft.

Frau Bertha Dammann. Large panicles of single pure white flowers. 2 to 3 ft., 3 to 4 ft.

Insignis rubra. Buds dark red, opening into rosy purple flowers. One of the best. 1½ to 2 ft., 2 to 3 ft., 3 to 4 ft.

Madam Abel Chatenay. Pure white flowers in compact panicles. 2 to 3 ft., 3 to 4 ft.

Marie Legraye. Small grower. Single white flowers, especially fine and fragrant. 1½ to 2 ft.

Mme. Casimir Perier. Semi-double pure white flowers in medium-sized clusters. 2 to 3 ft., 3 to 4 ft.

President Grevy. One of the finest. Beautiful blue flowers in very large panicles. 2 to 3 ft.

Ranunculæflora flore pleno. An uncommon variety with double pale blue flowers. 2 to 3 ft., 3 to 4 ft.

Rubra de Marley. Single, rich rosy purple flowers that are borne abundantly. Resembles the common purple lilac and is very desirable. 4 to 5 ft. clumps.

Souvenir de Ludwig Spæth. The single flowers are dark purple and distinct from other kinds. 2 to 3 ft.

Tamarix · Tamarisk

Shrubs of strong but slender, upright growth; clothed with foliage as light and feathery as that of the asparagus. Their delicate fringing flowers are usually some warm shade of pink or red. They are hardy as far north as Massachusetts, and very ornamental at the back of shrubbery borders and valuable for seaside planting.

Tamarix Africana. (L) May. The first to flower. Sea-green foliage.

3 to 4 ft. . . 35c. each, $2.50 for 10, $18 per 100

Tamarix Gallica. (L) May to July. Lighter green foliage, and later in flower than variety Africana.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	18 00

var. indica. (L) July and August. The pink flower-racemes are longer than those of other kinds. The foliage is dull green.

4 to 5 ft. . . . . 50c. each, $3.50 for 10

T. Juniperina; syn., **T. Japonica,** or **T. plumosa.** (L) Similar to the others. Fine foliage.

2 to 3 ft. . . 35c. each, $2.50 for 10, $18 per 100

Tamarix Odessana. (M) July to September. Of lower growth. Pink flowers.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00
4 to 5 ft.	75	5 00	

T. tetandra, var. purpurea. (M) June and July. Purplish pink flowers. A desirable variety of doubtful nomenclature.

	Each	10
1½ to 2 ft.	$0 25	$2 00
2 to 3 ft.	35	2 50
3 to 4 ft.	50	3 50

VIBURNUMS

In this group are included the Snowballs, which give in spring the same showy effect produced by hydrangeas in the fall. Viburnums are especially hardy; grow quickly and are particularly free from he attacks of injurious insects. They are invaluable in shrubbery borders; desirable as specimens and useful in all plantings.

Viburnum acerifolium. (S) White flowers in flat cymes in May and June. Good autumn foliage. Grows well in shaded places.

	Each	10
1½ to 2 ft.	$0 50	$3 50
3 to 4 ft.	1 00	7 50

V. dentatum. Arrow-Wood. (L) May. A handsome native shrub, with glossy green leaves and white flowers that ripen into black berries.

	Each	10	100
2 to 3 ft. .	$0 35	$2 50	$20 00
3 to 4 ft., heavy . .	50	4 00	30 00
4 to 5 ft., very heavy	75	5 00	40 00

V. Japonicum; syn., **macrocephalum.** (D) A handsome large-leaved shrub that is almost evergreen; has red fruits.

	Each	10
2 to 2½ ft.	$0 50	$3 50
3 to 4 ft., heavy .	1 00	7 50

V. Lantana. Wayfaring Tree. (L) May and June. White flower-clusters succeeded by red fruits that later turn to black. Good foliage and an especially desirable shrub for dry places and limestone soils.

	Each	10	100
2 to 2½ ft. bushy . .	$0 35	$2 50	$20 00
3 to 4 ft. bushy . .	50	4 00	30 00

V. molle. (S) A native shrub, with handsome, large, deep green leaves, similar to *V. dentatum,* but blooming a few weeks later.

2 to 3 ft. . . 35c. each, $3 for 10, $25 per 100.

V. Opulus; syn., **Oxycoccus.** High-bush Cranberry. (M) May. Spreading habit. Single white flowers borne in flat, imperfect clusters. Highly valued for the brilliant red berries that cling to the leafless branches all winter, unmolested by birds.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$18 00
2 to 3 ft., bushy	35	3 00	25 00
3 to 4 ft., bushy	50	4 00	30 00
4 to 6 ft., bushy	75	5 00	40 00
5 to 6 ft., bushy	1 00	7 50	50 00

Japan Snowball (*Viburnum plicatum*). A neat habit and the fact that this Snowball is almost immune from insect pests has made it surpass the old-fashioned Snowball (*Viburnum opulus,* var. *sterile*) in popularity. It is a grand sight in bloom, whether as individual plant or in the shrubbery border. (See page 58.)

Viburnum Opulus, var. nana. DWARF CRANBERRY BUSH. (D) Very low growing. Suitable for the fronts of shrubberies and as an edging.

6 to 12 in., bushy, 25c. ea., $2 for 10, $15 per 100.

var. sterile. GUELDER ROSE. (M) May. The old-fashioned Snowball that grows almost anywhere and always flowers so abundantly. In appearance it closely resembles *V. Opulus*, but does not have the ornamental fruits.

	Each	10	100
2 to 3 ft. . . .	$0 35	$2 50	$18 00
3 to 4 ft. . . .	50	3 50	25 00

V. Sieboldi. SIEBOLD'S VIBURNUM. (M) Pyramidal clusters of white flowers.

3 to 4 ft., bushy . . . 75c. each, $5 for 10

V. tomentosum. SINGLE JAPAN SNOWBALL. (S) May. An elegant shrub with beautiful dark green leaves. The white flowers, borne in flat clusters, are followed by decorative red berries, that later change to black. Valuable in shrubberies.

	Each	10	100
2 to 3 ft., bushy	$0 35	$2 50	$20 00
3 to 4 ft., bushy	50	3 50	25 00
5 to 6 ft., very bushy . . .	75	5 00	40 00

var. plicatum. JAPAN SNOWBALL. (S) May. One of the best ornamental shrubs, similar in habit to the above. It bears abundant white balls of bloom that have a beautiful setting in the deep green leaves.

Viburnum tomentosum, or single Japan Snowball. Excepting for the flowe this variety cannot be distinguished from the *Viburnum plicatum*. In the fall th foliage turns a bright crimson.

Viburnum plicatum, continued

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 0
3 to 4 ft., very bushy . .	75	6 00	50 0
4 to 5 ft., fine, but not so bushy	50	4 00	35 0

Xanthoceras

Xanthoceras sorbifolia. (L) May. A rare shru with stout, upright branches, pinnate foliage an slender panicles of white flowers, that ar blotched with yellow and red.

1 to 1½ ft. . . 50c. each, $4 for 10, $30 per 10

Hedge of Hemlock Spruce furnished and planted by us. Our stock will make similar hedges immediately. No waiting for results. (See page 15)

Hardy Garden Roses

The beauty of the Rose is so widely appreciated that the popularity it now enjoys, and the mand for hardy garden Roses, is annually increasing. In old-fashioned gardens, in borders, along rden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight all who grow them. We make a specialty of Roses for garden and home planting, and our sortment has been made up especially for that purpose and includes only such varieties as will rive under home conditions and have proved satisfactory in such places.

HYBRID PERPETUALS

The list here offered comprises a general assortent of this ever-popular class of hardy Roses. ne varieties listed cover all the desirable and disnct shades, and are superior in size, hardiness, igor and productiveness. As far as possible, variees are on their own roots, but it is necessary to ud some kinds on other stock. In planting budded ock, great care should be taken to have the bud" at least 2 inches below the surface, so the ock will not "sucker up."

trong 2-year-old plants, growing in 6-inch pots, 40 cts each, $3.75 for 10, $35 per 100

Abel Carriere. Rich velvety maroon ; fine form.

Alfred Colomb. Brilliant carmine-crimson ; large, globular.

Alfred K. Williams. Carmine-red ; full and perfect form.

Anne de Diesbach (Glory of France). Carmine ; large, hardy and fragrant.

Baron de Bonstetten. Dark velvety red ; large fragrant flowers.

Baroness Rothschild. Rich satiny pink ; magnificent.

B. R. Cant. Deep crimson, with dark shading.

Boule de Neige. Pure white ; free-blooming.

Captain Hayward. Bright crimson-carmine ; a distinct shade and very fragrant.

Clio. Flesh-color, with rosy pink center ; fine form.

Duke of Edinburgh. Bright crimson ; large and double.

Eclair. Vivid fiery red.

Fisher Holmes. Rich velvety crimson.

Frau Karl Druschki. Fine white ; large, perfect and fragrant ; strong grower.

General Jacqueminot. Brilliant scarlet-crimson ; old-time favorite.

Gloire de Margottin. Dazzling scarlet.

Jeannie Dickson. Vivid rose.

John Hopper. Bright rose, carmine center; cupped and well formed.

†Jules Margottin. Bright carmine, cupped ; fragrant.

Mabel Morrison. Pure white, flushed pink in autumn.

†Madame Gabriel Luizet. Fine satiny rose.

†Magna Charta. Bright pink, suffused carmine.

†Margaret Dickson. One of the finest white hybrids.

†Marie Bauman. Bright carmine ; large, perfectly formed.

Marshall P. Wilder. Cherry-carmine; large bloom, vigorous grower.

Merveille de Lyon. White, shaded rose.

†Mrs. John Laing. Delicate pink ; large, full.

†Mrs. R. G. Sharman-Crawford. Deep rosy pink, outer petals shaded to pale flesh.

†Paul Neyron. Very large, deep rose ; a favorite.

Prince Camille de Rohan. Deep velvety crimson, with black shadings.

Rhodocanachi. Rose, shaded pink ; full and very fragrant.

Ulrich Brunner. Bright cerise-red ; large and full.

Victor Verdier. Rosy carmine ; large and showy.

TEA AND HYBRID TEA ROSES

Hardy, with little or no protection, very productive, and, as a rule, with brilliant colors and delightful fragrance.

Strong, 2-year-old plants, growing in 6-inch pots, 40 cts. each, $3.75 for 10, $35 per 100

Augustine Guinoisseau. White, slightly tinted flesh-color.

Belle Siebrecht (Mrs. J. W. Grant). Brilliant pink, fine form, prolific bloomer.

Captain Christy. Large double buds of deep flesh-color ; constant bloomer.

Chestnut Hybrid. Cherry-red, large and full ; free bloomer, good climber.

Duchess of Albany. Deep pink ; dark form of La France.

Etoile de France. Velvety crimson, center red ; bloom large.

Hardy Dormant Roses. The varieties that are marked thus (†) are kinds that we have dormant plants of as well as potted ones. The dormant stock is just as good s the potted, but will take longer to get started and to begin blooming. Price, 25 cts. each, $2 for 10, 18 per 100.

TEA AND HYBRID TEA ROSES, continued

Etoile de Lyon. Bright sulphur-yellow ; fine form.

Gloire Lyonnaise. White, tinted yellow.

Gruss an Teplitz. Bright rich scarlet, very showy; lavish bloomer.

Kaiserin Augusta Victoria. White, tinted with lemon center.

Killarney. Flesh-white to pink, buds long and pointed ; bloom large.

La France. Clear satiny pink ; large and full.

Liberty. Brilliant crimson ; very floriferous.

Madam Abel Chatenay. Carmine-rose, shaded with salmon ; free bloomer.

Madam Jules Grolez. Bright china-rose ; large and full.

Maman Cochet. Deep rose-pink, beautiful in bud and flower.

Marie Van Houtte. Center yellow, petals tipped with rose ; large and full ; a continual bloomer.

Papa Gontier. Rosy crimson, fine long buds ; very attractive.

Reine Marie Henriette. Deep cherry-red ; a good climbing variety.

Sunset. Deep apricot-yellow ; good size and free bloomer.

The Bride. White, large, full and perfect.

Viscountess Folkstone. Creamy pink ; very floriferous ; a grand rose.

White Maman Cochet White, fine in bud.

Crimson Rambler. A splendid Climbing Rose

MOSS ROSES

The beauty of this type of Roses consists largel in the delicate mossy covering surrounding th bud. Large and extremely hardy.

Strong 2-year-old plants, growing in 6-inch pot 40 cts. each, $3.75 for 10, $35 per 100

Blanche Moreau. Pure white, large and full. Beautifully mossed and very fragrant.

Crested. Pink, finely crested ; very distinct.

Little Gem. Crimson.

Old Pink. Very large, pink bloom ; fine in bu and when fully open.

DAMASK ROSES

Strong, 2-year-old plants, growing in 6-inch pots 40 cts. each, $3.75 for 10, $35 per 100

Cabbage (Common Rose). Rosy pink large and full

Madame Plantier. Pure white ; very hardy an reliable. Profuse bloomer in June. A favorit for cemetery use.

PENZANCE BRIER ROSES

2-year plants, growing in 6-inch pots, 40 cts. each $3.75 for 10, $35 per 100

Lady Penzance. Fragrant foliage and flower Beautiful copperish yellow.

Lord Penzance. Very fragrant. Flowers ecru with tones of lemon-yellow in the center.

NOISETTE ROSES

2-year plants, growing in 6-inch pots, 40 cts. each $3.75 for 10

Marechal Niel. A grand climbing Rose, with rich golden yellow, well-formed flowers. Needs protection in winter in this latitude.

Yellow Banksian. A rather tender sort, but a good pillar Rose with yellow flowers.

MISCELLANEOUS ROSES

Baby Rambler; syn., **Dwarf Crimson Rambler**, or **Mme. Norbert Levavasseur.** A compact new dwarf variety that does not exceed 18 inches in height, covered with a wealth of crimson flowers that last a long time. 2-year plants, from 4-inch pots, 35 cts. each, $3 for 10, $25 per 100 ; 3-year plants, from 6-inch pots, 50 cts. each, $4 for 10, $35 per 100.

Hermosa. An old-time favorite that bears bright pink flowers and blooms persistently, Strong plants, from 6-inch pots, 40 cts. each, $3.75 for 10, $35 per 100.

Soleil d'Or (Golden Sun). The new hardy yellow Rose. Flowers full and globular ; very fragrant. Strong plants, from 6-inch pots, 40 cts. each, $3.75 for 10.

EMORIAL, or EVERGREEN ROSES

Roses of this family are of a trailing habit, very rdy and recommended for covering walls, rocks, ugh ground or for any purpose for which a eeping Rose is desired. They are much used for ass plantings, to produce wild and natural effects. ey grow easily, too, in almost any soil.

anda's Triumph. Large, abundant clusters of medium double, pure white flowers.

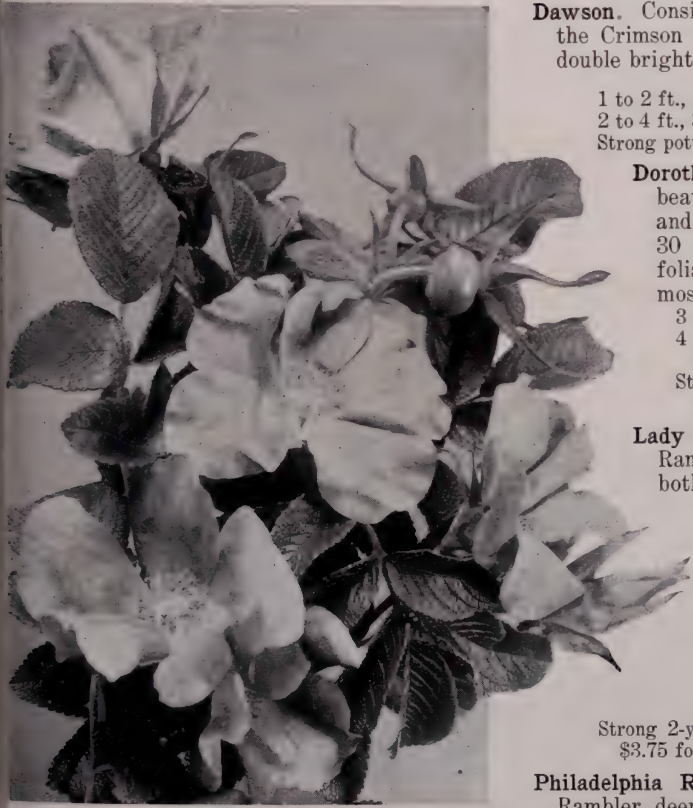
	Each	10	100
1 to 2 ft., 1-yr.	$0 20	$1 50	$12 00
2½ to 4 ft., 3-yr.	35	2 50	
2-yr. potted plants	40	3 75	

uth Orange Perfection. Clusters of small double flowers pink in the bud, changing to white as they open.

	Each	10	100
1 to 2 ft., 1-yr.	$0 20	$1 50	$12 00
2 to 3 ft., 2- and 3-yr.	25	2 00	
2-yr. potted plants	40	3 75	

niversal Favorite. Vigorous variety with a profusion of immense double flowers of beautiful rose-color.

	Each	10	100
2 to 3 ft., 1-yr.	$0 20	$1 50	$12 00
3 to 5 ft., 3-yr.	35	2 50	
2-yr. potted plants	40	3 75	



Rosa rugosa, a splendid bush Rose, for colony or group planting. l summer the single flowers shine from a setting of beautiful dark en leaves and later give place to bright red seed-vessels that look e tiny tomatoes. See prices on pages 62.

Wichuraiana. Memorial Rose. Beautiful small, glossy evergreen foliage. A grand trailer over all sorts of places. Fragrant, single waxy white flowers are borne profusely in June.

	Each	10	100
3 to 5 ft., 1-yr.	$0 25	$2 00	$15 00
4 to 6 ft., 3-yr.	35	2 50	20 00

HARDY CLIMBING ROSES

Baltimore Belle. Blush flowers in immense clusters.

Potted plants . . . . . 40c. each, $3.75 for 10

Crimson Rambler. Well known and popular. A strong, rapid-grower that produces exceedingly large and brilliant clusters of small double crimson flowers in great profusion. There is nothing finer for trailing over verandas, walls, pillars, etc.

	Each	10	100
1 to 2 ft., 1-yr.	$0 20	$1 50	$12 00
2 to 4 ft., 2- and 3-yr.	35	2 50	18 00
3 to 6 ft., heavy., 4- and 5-yr.	40	3 50	25 00
Strong plants, from 6-in. pots	50	4 00	35 00

Climbing Clothilde Soupert. Rich creamy white flowers, sometimes blush. A vigorous grower, blooming abundantly and persistently almost until frost.

	Each	10
Strong field-grown plants	$0 35	$2 00
Strong potted plants	40	3 75

Dawson. Considered by some to be as valuable as the Crimson Rambler. Large clusters of semi-double bright carmine flowers. Strong grower.

	Each	10	100
1 to 2 ft., 1-yr.	$0 20	$1 50	$12 00
2 to 4 ft., 3-yr.	35	2 50	18 00
Strong potted plants	40	3 75	35 00

Dorothy Perkins. A splendid sort with beautiful shell-pink flowers, full, large and double. The trusses often contain 30 or 40 individual flowers. Bright foliage that keeps fresh better than most kinds do.

	Each	10	100
3 to 5 ft., 2-yr.	$0 20	$1 50	$12 00
4 to 6 ft., 3-yr., strong	35	2 50	18 00
Strong potted plants	40	3 75	

Lady Gay. A seedling of the Crimson Rambler, which it closely resembles, both in habit and vigor of growth, but with flowers of a cherry-pink, fading to a soft tinted white.

Strong potted plants . . 40 cts. each, $3.75 for 10

Multiflora Japonica. See under Bush Roses.

Persian Yellow. Very showy bright yellow flowers of medium size.

Strong 2-yr. plants from 6-in. pots, 40 cts. each, $3.75 for 10.

Philadelphia Rambler. Similar to the Crimson Rambler, deeper and brighter in color.

	Each	10
Strong field-grown plants	$0 35	$2 50
Strong potted plants	50	4 00

HARDY CLIMBING ROSES, continued

Royal Cluster. Double white, medium size, prolific bloomer.

	Each	10	100
2 to 3 ft., 2-yr.	$0 20	$1 50	$12 00
Strong 2-yr. plants from 5-in. pots	40	3 75	

Trier. A new white rambler.

Potted plants . . . . 40 cts. each, $3.75 for 10

White Rambler. Perfectly hardy, strong vigorous grower, with white flowers.

	Each	10
3 to 5 ft., 4-yr.	$0 35	$2 50
Strong 2-yr. plants from 5-in. pots	40	3 75

Yellow Rambler. Large clusters of good-sized, deep yellow flowers, fading to a creamy white as the flower matures.

	Each	10	100
1 to 2 ft., 2-yr.	$0 20	$1 50	$12 00
3 to 5 ft., 3-yr., strong	35	2 50	18 00
Strong 2-yr. plants from 6-in. pots	40	3 75	

Queen Alexandra. A new sort that resembles the well-known Crimson Rambler, but is lighter in color.

	Each	10	100
2 to 3 ft., 2-yr.	$0 25	$2 00	$15 00
Strong potted plants	40	3 75	

BUSH ROSES

These varieties are very desirable in connection with shrubbery plantings, as well as in groups by themselves.

Canina. DOG ROSE. This is a half-climbing single pink Rose, that is splendid for massing and for wild effects.

2 to 3 ft., 3-yr. . . . . 35 cts. each, $2.50 for 10

Lucida. Single, bright pink flowers in June. Attra tive red branches and plump red fruits in winte

1 to 2 ft., 1- and 2-yr., 20 cts. each, $1.50 for 1 $12 per 100.

Multiflora. Covered in June with very fragra clusters of small semi-double flowers, Valuab in shrubbery borders and to produce a wild effec

1 to 2 ft., 1-yr. . 15c. ea., $1.25 for 10, $10 per 1

Rosa rugosa. JAPANESE ROSE. A splendid bush shrub with an attractive appearance almost a the year. The foliage alone would make it a va uable lawn plant, even if it did not have oth desirable qualities, because the rich, dark gree wrinkled leaves are handsome even until la in the fall. In May pretty single pink white flowers are dotted among the beautif leaves. After the first burst of bloom has passe an intermittent display is kept up until fros Meanwhile the first-born flowers have ripene into tiny tomato-like seed-vessels of gorgeo scarlet color. This Rose grows very easily a is a magnificent thing to mass in shrubbe borders or to plant in beds by itself, or for u in almost any kind of landscape planting. S illustration of this flower on page 61.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25
3 to 4 ft.	50	3 50	30

Setigera. PRAIRIE ROSE. Single deep rose-color flowers. A splendid sort for natural plantin It blooms lavishly in June.

	Each	10	100
1 to 2 ft., 1-yr.	$0 20	$1 50	$12
2 to 3 ft., 2-yr.	25	2 00	15

A wall is effectually hidden by this shrubbery planting. In such a border there are some flowers during every open month of the year a beautiful foliage effects that are almost as pleasing as the flowers. Shrubbery borders give the owner a greater showing in less time and less money than any other kind of a planting does. Our large shrubbery will produce similar effects the very first season.

Many of the Hardy Roses are beautiful subjects to plant in shrubbery borders. Every one arranging suc a border should include them, especially the grand Japanese Rose, Rugosa

Wistaria. There is little difference in the flowers of the various sorts excepting in color. See page 66

Ornamental Vines

Climbing Vines are as necessary to the comfort and beauty of a home as the trees and shrubs ve plant about it. They mature quickly and tone down the stiff, bold angles of new buildings, and ive shade and flowers over porches and trellises. They are cheerful and cooling in climbing over owers and summer-houses, and wild and natural in running over trees and stumps. In shaded laces and beneath old trees where grass will not grow, they are often used as a ground cover. n steep slopes and banks they prevent erosion. They ramble over unsightly, neglected places and ake them beautiful with fragrant and brilliant flowers. Vines are strong, robust growers that equire little attention other than to occasionally train them.

CTINIDIA arguta. A vigorous, rapid-growing Japanese vine, with glossy leathery leaves and greenish white flowers, succeeded by greenish yellow fruits. Fine for covering arbors, trellises, walls, and to produce wild effects.

	Each	10	100
2 to 3 ft., 1-yr.	$0 25	$2 00	$15 00
3 to 4 ft., 2-yr., heavy	35	3 00	
2 to 3 ft., from 5- to 6-in. pots	50	4 00	

. polygama. In most respects it is similar to the above. It has very fragrant, creamy white flowers and handsome foliage. It is a strong, rapid grower and desirable plant. Remarkably free from insect enemies, and excellent for trellises, low buildings, fences and the like.

	Each	10	100
1½ to 3 ft., 1-yr.	$0 25	$2 00	$15 00
3 to 4 ft., 2-yr.	35	3 00	20 00
2 to 3 ft., from 6-in. pots	50	4 00	

KEBIA quinata. It is a hardy, quick-growing vine that is graceful and handsome. Has small, five-lobed half-evergreen leaves and fragrant, purplish brown or chocolate-colored flowers.

Akebia quinata, continued

	Each	10	100
1 to 1½ ft., 1-yr.	$0 20	$1 50	$12 00
1½ to 3 ft., 2-yr.	25	2 00	15 00
2 to 3 ft., from 6-in. pots	50	4 00	35 00

AMPELOPSIS quinquefolia. VIRGINIA CREEPER. A hardy native vine of strong, rapid growth. The large handsome leaves are deeply cut into five lobes, hence the name "Five Finger" is often given to it. In autumn, the foliage turns a beautiful rich crimson. An excellent vine for arbors, fences, trellises, walls and for running up trees and over stumps.

	Each	10	100
1 to 2 ft., 1-yr.	$0 20	$1 50	$12 00
3 to 4 ft., 2-yr.	25	2 00	15 00
2 to 3 ft., from 5-in. pots	50	4 00	
3 to 5 ft., from 6-in. pots	75	5 00	

var. muralis. Resembles *A. quinquefolia*, var. *Engelmanni*, but is more slender and shorter jointed, with smaller leaves that are whitened beneath.

	Each	10	100
1 to 1½ ft., 1-yr.	$0 20	$1 50	$12 00
1½ to 3 ft., 2- and 3-yr.	25	2 00	15 00
3 to 5 ft., heavy, from 6-in. pots	75	5 00	

Ampelopsis quinquefolia, var. Engelmanni. Practically identical with *A. quinquefolia.* It clings a little more tenaciously to a support, and grows a little more strongly.

	Each	10	100
1 to 1½ ft., 1-yr.	$0 20	$1 50	$12 00
3 to 4 ft., 2-yr.	25	2 00	15 00
2 to 3 ft., from 5-in. pots	50	4 00	
3 to 5 ft., heavy, from 6-in. pots	75	5 00	

A. tricolor; syn., **heterophylla elegans.** Leaves resemble in shape those of grapes and are curiously spotted with tints of pink, white and green.

	Each	10	100
1 to 1½ ft., 1-yr.	$0 20	$1 50	$12 00
1½ to 3 ft., heavy, 3-yr. .	25	2 00	15 00

A. Veitchii; syn., **tricuspidata.** Japanese or Boston Ivy. The tendrils hold tenaciously to any support and the roots find nourishment in the poorest soils. It is a quite hardy, rapid grower. The leaves are strung thickly and overlap one another in a mat of fresh shining green that turns a brilliant red in autumn. It is the most popular Ivy for covering buildings and walls, and grows well in the smoky atmosphere of cities.

	Each	10	100
1 to 2 ft., 1-yr.	$0 15	$1 25	$10 00
2½ to 4 ft., from 4-in. pots	35	2 50	20 00

ARISTOLOCHIA Sipho. Dutchman's Pipe. A strong, hardy-growing, tropical-looking vine with handsome light green leaves 8 to 12 inches across. It will give a quick dense shade, and is much used on arbors and trellises. The corolla of the brown flowers is shaped like the bowl of a pipe.

	Each	10	100
3 to 4 ft., from 5-in. pots.	$0 60	$5 00	$45 00
4 to 6 ft., heavy, from 6-in. pots	1 00	7 50	70 00

BIGNONIA. Trumpet Vine. These are familiar, strong-growing vines, with deep, rich green foliage and large trumpet-shaped flowers in early summer. They are very desirable for covering summer-houses, training over arbors and to climb over trees, rocks and rustic bridges. Bignonias will grow in almost any soil and ar hardy, except in the coldest climates.

Bignonia, continued

Clematis Paniculata at Glenwood. About the best late summer- or autumn-flowering vine

B. grandiflora. Trumpet Vine. July. The orange red flowers are larger and earlier than *B. radi cans*, and it is a more bushy grower.

	Each	10	100
1-yr. roots	$0 25	$2 00	$15 0
3- and 4-yr., strong roots .	50	4 00	
2 to 3 ft., from 5-in. pots .	50	4 00	

B. radicans. Scarlet Trumpet Vine. July t September. Our native species, with deep scar let flowers. It is a familiar old-fashioned vin that clings tenaciously and grows rapidly to tal heights.

	Each	10	100
1-yr. roots	$0 20	$1 50	$10 0
3- and 4-yr., heavy	25	2 00	15 0
3- to 5-ft., heavy, from 6-in. pots	75	5 00	

CELASTRUS articulatus. Japanese Bittersweet
2 to 4 ft., 3-yr . . . . 50 cts. each, $4 for 1

C. scandens. Bittersweet. A native vine that i especially ornamental in fall and winter, wit brilliant orange and scarlet fruits.

	Each	10	100
3 to 4 ft., 3- and 4-yr. . .	$0 35	$3 00	$25 0
3 to 5 ft., from 6-in. pots .	75	5 00	

CLEMATIS

Familiar vines that flower profusely and are i demand for covering porches, trellises and arbor and to climb over posts and fences. From a lon list of varieties we have selected the following a the most desirable.

Clematis paniculata. It is a strong, luxurian grower, with light green foliage that is han some in itself. At the close of August innume able star-like flowers cover the vine in a sheet o fragrant white. We recommend it for plantin anywhere around the house and for coverin posts, fences, walls and stumps. We have som splendid specimens at Glenwood. See the or illustrated.

	Each	10	100
Very strong 2-yr. plants	$0 25	$2 00	$15
Strong plants from 4-in. pots. . . .	35	3 00	25

CLEMATIS HYBRIDS

Extra-strong plants, from 4-in. pot 50 cts. each, $4.50 for 10, $ per 100

Duchess of Edinburgh. Pure whit double flowers.

Fairy Queen. Lavender.

Gem. Sky-blue.

Gypsy Queen. Rich purple.

Henryi. Large, creamy white a handsome.

CLEMATIS HYBRIDS, continued

ackmani. Next to *C. paniculata*, this is the most popular variety, with rich royal-purple flowers 2 inches across, borne abundantly in June and occasionally afterwards.

ilacina floribunda. Satin-purple.

Iiss Bateman. White, with dark anthers.

Ime. Baron Veillard. Rose.

Ime. Edouard Andre. Deep, rich crimson, large flowers.

Ime. Van Houtte. Pure white; fine.

I. Koster. Light red.

resident. Bright blue.

tandishii. Early; blue.

ille de Lyon. Bright red.

DOLICHOS Japonica. JAPANESE KUDZU VINE. An extremely rapid-growing vine that has been known to make 40 to 60 feet of growth a year. It is an especially desirable thing for quick effects and useful for hiding unsightly objects. The leaves are large and handsome.

Good roots . . . . . . 35 cts. each, $2.50 for 10

EUONYMUS radicans. CREEPING EUONYMUS. An evergreen species with small glossy leaves. Grows slowly to a height of 20 or 30 feet. Clings tenaciously to walls or rocks, for which it makes a splendid cover. Easily kept under control and on this account suited for low walls.

	Each	10	100
10 to 12 in., 1-yr. . . .	$0 20	$1 50	$12 00
1 to 1½ ft., 2-yr.	25	2 00	15 00

var. variegata. Differs from the above in that it has pretty creamy white markings on the leaves that make it valuable for contrasts.

	Each	10	100
6 to 10 in., 1-yr.	$0 20	$1 50	$12 00
1 to 1½ ft., 2-yr.	25	2 00	15 00
2 to 3 ft., 3-yr.	35	2 50	20 00

HEDERA Helix. ENGLISH IVY. A familiar evergreen vine, with thick dark green foliage. It grows in almost any soil and is fond of shady places. The young and immature wood sometimes winter-kills in localities north of New York, but it is not so much the cold as the bright late winter suns that kill it. Much used to cover buildings, rocks, trunks of trees, trellis work, graves, and as an evergreen carpet beneath trees in places where grass will not grow.

	Each	10	100
2 to 3 ft., 2-yr., field-grown .	$0 20	$1 50	$12 00
3 to 4 ft., 3-yr., field-grown .	25	2 00	15 00
3 to 4 ft., from 4-in. pots .	35	2 50	20 00
4 ft., heavy, 5- and 6-in. pots	50	4 00	30 00

IPOMŒA pandurata. HARDY MOONFLOWER. May and September. Satiny white flowers, blotched with purple. Grows rapidly. 10 cts. each.

LONICERA · Honeysuckle

Favorite vines with flowers of delicious fragrance. Strong, rapid growers in any soil or location. They are well adapted for all trelliswork, for climbing over arbors and verandas, for training to posts and along fences. They are beautiful when allowed to ramble over trees and bushes in wild and natural ways. The vines take root where they touch the ground, and this habit suits them for creeping over dumps and unsightly places, as well as for retaining soil on slopes and banks. They withstand shade and make a ground cover in places where grass will not grow.

Lonicera Belgica. MONTHLY FRAGRANT HONEYSUCKLE. Red flowers.

1½ to 3 ft. . . . . 25 cts. each, $2 for 10

L. caprifolium, var. pallida. White flowers, appearing early.

1 to 1½ ft., 1-yr. . 25c. each, $2 for 10, $15 per 100

L flava. YELLOW HONEYSUCKLE.

	Each	10
1½ to 3 ft., 1-yr.	$0 20	$1 50
3 to 5 ft., 2- and 3-yr.	25	2 00

L. Japonica, var. brachypoda. EVERGREEN HONEYSUCKLE. This variety is very similar in appearance to the well-known Hall's Honeysuckle. The leaves remain green well into the winter. It is a strong grower and desirable sort with yellow flowers.

	Each	10	100
1½ to 3 ft., 1-yr.	$0 15	$1 00	$8 00
3 to 5 ft., 2-yr.	25	1 50	10 00
3 to 4 ft., heavy, from 6-in. pots	40	3 50	25 00

var. aurea reticulata. GOLDEN HONEYSUCKLE. The leaves, netted with golden yellow, are beautiful in themselves and are valuable for color contrasts with other kinds. It is a good hardy grower, with fragrant cream-colored flowers.

	Each	10	100
1½ to 3 ft., 1-yr.	$0 15	$1 00	$8 00
3 to 4 ft., 3-yr.	25	1 50	10 00
3 to 4 ft., heavy, from 6-in. pots	40	3 50	25 00

Hall's Honeysuckle, *Lonicera Halliana*. See page 66

Lonicera Heckrotii. Persistent bloomer. Red flowers, with yellow throat.
3 to 4 ft., 2- and 3-yr. . . . 25 cts. each, $2 for 10

L. Japonica, var. Chinensis. The leaves are reddish green, often with purplish veins beneath. In winter the foliage turns to a beautiful bronzy hue and lasts well on toward spring. The profusion of buds are tinted with pink and open into very fragrant white and pink flowers. This is one of the best varieties for every purpose.

	Each	10	100
1½ to 3 ft., 1-yr.	$0 15	$1 00	$8 00
3 to 5 ft., 2- and 3-yr. . . .	25	1 50	10 00
3 to 4 ft., heavy, from 6-in. pots	40	3 50	25 00

var. Halliana. HALL'S HONEYSUCKLE. The most popular variety. Glossy light green leaves; strong, vigorous, half-evergreen habit and a wealth of white and buff fragrant flowers, succeeded by occasional bloom until frost.

	Each	10	100
1½ to 3 ft., 1-yr.	$0 15	$1 00	$8 00
3 to 5 ft., heavy, 2-yr. . .	25	1 50	10 00
2 to 3 ft., from 5-in. pots .	35	3 00	20 00
3 to 5 ft., heavy, from 6-in. pots	40	3 50	25 00

L. Hendersonii. Yellow trumpet-shaped flowers.
1½ to 3 ft., 1-yr. . 25c. ea., $2 for 10, $15 per 100

L. sempervirens, var. fuchsioides; syn., **L. punicea.** SCARLET TRUMPET HONEYSUCKLE. Differs widely from the Japanese forms and is brilliant in bloom with its clusters of tubular scarlet flowers that continue all summer. Bluish green leaves. A very pretty and desirable sort.

	Each	10	100
1 to 2 ft., 1-yr.	$0 20	$1 50	$12 00
2 to 4 ft., 2- and 3-yr. . .	25	2 00	15 00
3 to 4 ft., heavy, from 6-in. pots	40	3 50	

L. Sullivanti. Attractive foliage; yellow flowers and scarlet berries.
1½ to 3 ft. . . . . 20c. each, $1.50 for 10

LYCIUM Chinense. MATRIMONY VINE. A hardy plant that serves as a vine or shrub. Slender drooping branches, bears pink and purple flowers from June until September and are succeeded in winter by scarlet and orange fruits. Grows anywhere and is on this account a good plant to withstand abuse and neglect.

	Each	10	100
2 to 4 ft., 1-yr.	$0 15	$1 00	$8 00
3 to 6 ft., heavy, 2- and 3-yr.	20	1 50	12 00
3 to 4 ft., heavy, from pots.	40	3 50	

PASSIFLORA. Constance Elliott. PASSION FLOWER. Pure white. Requires protection in the winter.
Strong potted plants . . . . 15 cts. each

PERIPLOCA Græca. SILK VINE. Dark green, silky leaves. Small purple flowers in July.

	Each	10	100
1 to 1½ ft., 1-yr.	$0 15	$1 00	$8 00
1½ to 3 ft., 2-yr.	25	2 00	15 00
2 to 3 ft., heavy, from 6-in. pots	40	3 50	

ROSES. The Crimson, White and Yellow Ramble Roses, as well as the Dawson, Multiflora, Prairi Queen and Setigera varieties, are splendid climbers and no vines are more beautiful than these as they climb and ramble over any support give them. Particularly valuable for covering ol walls, or for hiding unsightly places in the garden. (See page 61.)

SCHIZOPHRAGMA hydrangeoides. CLIMBIN HYDRANGEA.
1½ to 2 ft. . . . . 75 cts. each, $5 for 1

VINCA minor. PERIWINKLE. A familiar evergreen creeper that bears blue flowers in earl spring and is common as a carpet in shady place or on rockeries and graves.
10 to 15 in., 1-yr., 10 cts. each, 75 cts. for 10, $ per 100, $30 per 1,000.

VITIS cordifolia. FROST, or WINTER GRAPE. Smal black Grapes. Valued for natural effects, running over trees, etc.
2 to 3 ft., 3-yr. . . . . 25 cts. each, $2 for 1

V. Labrusca. FOX GRAPE. A rapid-growing strong native vine, with large purplish black fruits Very ornamental; especially suited for climbing over thickets and trees.
2 to 3 ft., 3-yr. . 25c. each, $2.00 for 10, $15 per 10

WISTARIA. Strong-growing vines that wrap themselves tightly about any support and are valued most for covering bowers, porches and training over tree trunks. In May they bear abundant, dense, drooping clusters of pea-shaped flowers similar in shape to those of a sweet pea, and occasionally a lighter crop follows in August. (See illustration, page 63.)

W. Chinensis. CHINESE WISTARIA. The common variety, which flowers so profusely in May. Flowers pale blue, fragrant. It withstands the smoke of cities; grows anywhere.

	Each	10	100
1 to 2 ft., 2-yr.	$0 35	$3 00	$25 00
2 to 3 ft., heavy, 3- and 4-yr.	50	4 00	35 00
3 ft., heavy, from 6-in pots.	60	5 00	

var. alba. A beautiful white-flowering form of our common Wistaria, that possesses the strong-growing, hardy qualities of its parent.

	Each	10	100
1 to 2 ft., 1-yr.	$0 35	$2 50	$20 00
3 to 4 ft., 4- and 5-yr. . .	50	4 00	35 00
5 to 8 ft., large specimens.	$1.50 to 4 00		
3 ft., from pots	60	5 00	

W. frutescens. AMERICAN WISTARIA. Lilac-purple flowers, later than the other kinds.
2 to 3 ft., 2-yr. . . . . 50 cts. each, $4 for 10

var. magnifica. Flowers fragrant, larger and more dense than the above, over which it is a great improvement.
3 to 4 ft., 3- and 4-yr., 35 cts. each, $3 for 10, $25 per 100.

W. multijuga. LOOSE-CLUSTER WISTARIA. Panicles of deep purple bloom often 3 ft. long. One of the most artistic of the group.
1 to 1½ ft., 1-yr., 25 cts. each, $2 for 10, $18 per 100

Hedge of Golden Retinospora at Glenwood

Hedge Plants

The value of hedges in ornamental planting is realized. The beauty of living plants is greatly to be preferred to the stiff and measured lines of fences. Annual trimmings and occasional weedings and cultivation are all the care that established hedges require, and with age they increase in density and beauty, instead of rotting away with time. Evergreen hedges, fresh and green at all seasons, retain their beauty and serve the purpose for which they are intended, even in winter. They should be trimmed either in May or August and may be kept at any desired height. They increase in density and branch out at the ground, making a thick, almost impenetrable wall. As screens to unsightly objects and as windbreaks for exposed places, there is nothing better. Deciduous hedges grow more rapidly and are less expensive. They require the same care, and should usually be trimmed in winter. The flowering hedges are most showy with their long lines of bloom, and the thorny plants serve best for defensive purposes.

Below we attempt to classify the uses for which hedges are generally put, and give each classification a number, then, in the list of hedging plants that follows, the different varieties are preceded by numerals that indicate the classification that they may be suitably used in. For instance, all varieties preceded by the numeral 1 are good plants for ordinary hedges. Some varieties are useful under several classifications.

1, Ordinary Hedges, such as property boundaries. Usually of medium height and dense, thick habit.

2, Defensive Hedges. Used as fences to keep trespassers off and to turn stock. Plants with thorns usually preferred.

3, Screens. Used to hide objectionable objects, clothes-yards, kitchen doors, etc.

4, Windbreaks. Used to shelter vegetable-gardens and shut out the wind from other places. Evergreens almost always used for these purposes.

5, Flowering Hedges. Almost all the flowering shrubs are suited for this purpose ; we name only the best.

6, Edging. Low hedges to edge walks with, to border cemetery lots and similar places.

EVERGREEN HEDGE PLANTS

5,6 **Azalea amœna**, page 16.
1,6 **Buxus rotundifolia** (Round-leaved Japanese Box), page 17.
1,6 **Buxus sempervirens** (common Tree Box), page 17.
6 **Buxus suffruticosa** (Dwarf Box Bush), page 17.
1 **Euonymus Japonica**, page 18.
6 **Ilex crenata** (Japanese Holly), page 18.
1,3,4 **Picea excelsa** (Norway Spruce), page 7.
4 **Pinus Austriaca** (Austrian Pine), page 8.
4 **Pinus Strobus** (White Pine), page 9.
4 **Pinus sylvestris** (Scotch Pine), page 9.
1,3 **Retinospora plumosa** (Green Retinospora), page 11.
1,3 **Retinospora plumosa, var. aurea** (Golden Retinospora), page 11.
1,3 **Retinospora squarrosa, var. Veitchii** (Silver Retinospora), page 11.
1,3,4 **Thuya occidentalis** (American Aborvitæ), page 13.
1,6 **Thuya compacta** (Compact Arborvitæ), page 13.
6 **Thuya globosa** (Globe Arborvitæ), page 14.
1,3,4 **Tsuga Canadensis** (Hemlock Spruce), page 15.

DECIDUOUS HEDGE PLANTS

1,2 **Berberis Thunbergii** (Japanese Barberry), p. 40.
1,2 **Berberis vulgaris** (Common Barberry), page 40.
1,2 **Carpinus Americana**(American Hornbeam), p. 25.
1,2 **Carpinus Betula** (European Hornbeam), page 25.
2 **Cratægus coccinea** (Scarlet Thorn), page 42.
2 **Cratægus cordata** (Washington Thorn), page 42.
2,5 **Cratægus Oxyacantha** (English Hawthorn), p. 43.
2 **Cratægus Crus-Galli** (Cockspur Thorn), page 43.
1,2,5 **Cydonia Japonica** (Japanese Quince), page 43.
3,5 **Deutzia**, in variety, page 43.
1,2,3,4 **Fagus sylvatica** (European Beech), page 27.
1,3,5 **Hibiscus** (Althea), in variety, page 46.
5 **Hydrangea paniculata, var. grandiflora**, p. 47.
1,3 **Ligustrum Ibota**, page 49.
1 **Ligustrum Ibota, var. Regelianum**, page 49.
1,2,3,6 **Ligustrum ovalifolium** (California Privet), p. 49
2 **Rhamnus catharticus** (Buckthorn), page 52.
5 **Rosa rugosa** (Japanese Rose), page 62.
5 **Spirea**, in variety, page 53.
3,5 **Syringa** (Lilac), in variety, page 55.
5 **Viburnum plicatum** (Japan Snowball), page 58.

Ornamental Reeds and Grasses

There are few things more effective in landscape work than this class of plants. They are strong, rapid growers in almost any soil. During the close of summer they come into bloom and are most showy and ornamental with their large flower-plumes. The Arundos are straight and erect, the Grasses slender and graceful. Both are excellent for bedding; each is equally well suited for mixed plantings of any kind. They annually increase in beauty and give so much satisfaction that we do not hesitate recommending them for more extensive use.

ARUNDO Donax. Great Reed. A tall, bamboo-like plant, with long, green, narrow leaves, well suited for planting along water edges and for borders and the lawn. It also looks well in shrubbery plantings. 25 cts. each, $2 for 10.

Eulalia Japonica, var. *Zebrina*. A beautiful Pampas Grass for summer and autumn effects

Arundo Donax, var. variegata. A beautiful variegated form; it is valued almost anywhere; has creamy white and green leaves. 25 cts. each, $2 for 10.

BAMBUSA. Bamboo. These odd and interesting plants from the semi-tropics have been found hardy here and are decorative in many places. A slight winter protection is desirable, but not entirely necessary. $1 each.

ERIANTHUS Ravennæ. Plume Grass, or Hardy Pampas. Grows 9 to 12 feet high. Sends up a great lot of silvery flower-plumes. Very similar to the Pampas Grass. 25 cts. each, $2 for 10.

EULALIA gracillima univittata. Japan Rush. A beautiful, tall, swaying grass, with narrow green leaves and a conspicuous silvery white midrib. 15 cts. each, $1.25 for 10, $10 per 100; strong clumps, 25c. each, $2 for 10, $15 per 100.

E. Japonica variegata. The long, narrow leaves are striped with a band of white. A graceful and beautiful plant. 15 cts. each, $1.25 for 10, $10 per 100.

E. Japonica, var. Zebrina. Similar to the above, save that stripes of yellow run across the leaves. 15 cts. each, $1.25 for 10, $10 per 100.

GYNERIUM argenteum. Pampas Grass. Grows 8 to 10 feet high in a season and is most ornamental with its long silvery plumes; needs slight protection. 25 cts. each, $2 for 10.

A border of perennials in which there is an uninterrupted succession of bloom from spring until late fall. Our plants will give like results the second season

Hardy Perennial Plants

It is no wonder that these grand **Old-fashioned Hardy Garden Flowers** continue to increase in popularity, because there is not a time during the whole flower season in which some hardy perennial is not in bloom; and when the wooded shrubs are almost bare of flowers in July and August, these little plants may be depended upon to make a grand display. These perennials are not fastidious about the soil they have to grow in, though many of them, of course, have a preference. Year after year they reappear and flower abundantly, requiring scarcely any attention.

A planting of perennials affords a display of bloom from earliest spring until after frost comes in the fall and gives the owner flowers that may be cut at any time for house and table decorations. This class of flowers look well almost anywhere, but are especially suited for border plantings, either by themselves or in connection with shrubbery groupings; they are also effectively used when planted along garden walks, walls or fences, in rockeries and innumerable places that will suggest themselves. We have added a good many new varieties to our stock during the past year, and offer now a selection of what we believe to be the most generally desirable kinds. A number of other sorts, however, are carried in stock, so that persons wanting varieties not catalogued here will do well to write to us concerning them.

Except where otherwise noted, the price of these perennial plants is: 15 cts. each, $1.25 for 10, $10 per 100

ACHILLEA millefolium roseum. ROSY MILFOIL. All summer and on into fall there are heads of rosy red flowers on stems about 18 inches high. The foliage is cut deeply.

A. Ptarmica fl. pl., "The Pearl." 2 feet. In July it is covered with a profusion of small pure white double flowers.

AGROSTEMMA Coronaria. MULLEIN PINK. Rough, silvery leaves. Bright crimson flowers in June and July on stems 2 to 3 feet long.

ALYSSUM saxatile, var. compactum. GOLDEN TUFT. An excellent low-spreading plant for the rockery or border with flat heads of yellow flowers in May and June.

ANEMONE Japonica, var. alba. A splendid late-flowering perennial, 2 to 3 feet high.

var. Queen Charlotte. Large rose-like flowers of beautiful silvery pink color.

var. rosea superba. Free-flowering; rose-colored.

ANTHEMIS tinctoria. Hardy Marguerite. A bushy plant about 18 inches high, with a continuous show through the summer of golden yellow, daisy-like flowers.

AQUILEGIA Californica hybrida. An assorted type of these popular Columbines.

A. Canadensis. Native Columbine. Bright red and yellow.

A. chrysantha. Columbine. Growing to about 18 inches to 2 feet. From May to July, bright with fragrant golden yellow flowers.

var. alba. Creamy white flowers.

A. cœrulea. Rocky Mountain Columbine. A handsome form that grows about 18 inches high and is showy from May to July with blue flowers.

ARABIS alpina. Rock Cress. A very low spreading plant completely covered with pure white flowers in April and May.

ARMERIA formosa. Continues flowering from early spring to late fall. Low spreading habit; bright pink flowers.

ASTER Novæ-Angliæ. A showy autumn plant about 4 feet in height with bluish purple flowers. A good plant for sylvan and natural plantings.

BAPTISIA Australis. False Indigo. Spikes of dark blue flowers about 2 feet high in June and July. A splendid strong-growing plant with deeply cut foliage.

Boltonia asteroides. One of the showiest autumn-flowering perennials

BELLIS perennis. English Daisy. An improved strain in which we have both white and pink flowers.

BOCCONIA cordata. During July and August this tall perennial (6 to 8 feet) is at its best, with large, loose terminal panicles of creamy white flowers. It is a splendid thing to use in shrubbery borders and in connection with smaller plants of any kind.

BOLTONIA asteroides. False Chamomile. A strong-growing plant, 3 to 5 feet high, that is covered during the summer and early autumn with hundreds of small white flowers. The Boltonias are the most showy herbaceous plants in their season. (See illustration.)

B. latisquama. The flower is a very pale pink; in other respects similar to the above.

CALLIRHOE involucrata. A low-growing carpet plant with large saucer-shaped flowers of rosy crimson color.

CAMPANULA carpatica. Compact tufts about 10 inches high. Flowers blue, lasting all summer.

C. persicifolia. Blue and white star-shaped flowers with deep chalice, in clusters on spikes about 2 feet high at the first of June.

C. pyramidalis. Chimney Bellflower. The most conspicuous Campanula when weighted in September with 4- to 5-foot spikes of blue flowers.

C. rapunculoides. Graceful spikes 3 feet high loaded in June and July with blue bell-shaped flowers.

C. trachelium. 3 feet. July and August. Deep purple.

CARYOPTERIS Mastacanthus. Blue Spirea, or Verbena Shrub. A shrubby plant valued for its wealth of blue flowers that come in September.

	Each	10	100
1-yr. plants	$0 15	$1 25	$10 00
2-yr. plants	25	2 00	15 00

CASSIA Marilandica. A desirable shrubby looking plant 3 to 4 feet high, with panicles of bright yellow flowers in July and August.

CEPHALARIA alpina. Delicate sulphur-yellow flowers in July and August. A rare plant that frequently attains a height of 6 feet.

CERASTIUM tomentosum. The common name "Snow-in-Summer," is descriptive of this little plant that is almost hidden beneath white flowers in June and July.

CHRYSANTHEMUM maximum, "Triumph." Moonpenny Daisy. A strong grower, about 3 feet, with a profusion of large daisy-like flowers with white petals and yellow centers. From July to October.

var. King Edward VII. An elegant novelty with abundant large, pure white, perfect-formed flowers.

C. hybridum. Shasta Daisy, Large, white, daisy-like flowers; blooms continuously during summer and fall.

HARDY POMPON CHRYSANTHEMUMS

We offer an assortment of hardy Pompon varieties. They flower profusely in October, and are not injured by early frosts, and, therefore, gay and beautiful after everything else in the garden has been killed. They are excellent for cut-flowers and bouquets. Sure bloomers and satisfactory growers that attain a height of about 3 feet. They should be included in all orders for plants of perennial character.

VARIETIES OF CHRYSANTHEMUMS

Danizula. Rosy pink.

Dundee. Maroon, shaded scarlet.

Gold Finch. Rich golden yellow, with tiny red stripes.

Gold Nugget. Golden, inner petals tinted with red.

Miss Julia. Bronze.

Queen of Bul. Violet-rose.

Sunset. Scarlet-bronze.

Tennyson. Pure yellow.

CLEMATIS Davidiana. A shrubby plant 2 to 3 feet high that blossoms during August and September. Deliciously fragrant, bell-shaped flowers of deep lavender-blue color.

COREOPSIS lanceolata. A splendid flower for cutting and showy in the garden with graceful habit and rich golden yellow blooms that comes the last of June and continues on to Autumn. Grows 2 feet high.

C. rosea. August and September. Small pink flowers. A low border and rockery plant.

DELPHINIUM Chinense. A hardy Larkspur 2 feet in height, with long flower-spikes of white and blue shades from July until September.

DIANTHUS barbatus. Sweet William. A small plant flowering from May to July, and growing 12 to 18 inches high. It is well known. The plants we offer are of assorted colors.

D. plumarius. Hardy Pinks. These are old-time favorites that require little attention and flower bountifully each year. They are valued for edging, also in rockeries or wherever a low plant is needed. We offer assorted colors and distinct, single, scarlet, crimson and white varieties.

DICENTRA spectabilis; syn., DIELYTRA. Bleeding Heart. Long graceful racemes of pink, heart-shaped flowers in May and June. An old-fashioned favorite that deserves its popularity.

25 cts. each, $2 for 10, $15 per 100

DIGITALIS gloxiniæflora. Foxglove. A splendid strain of familiar old-fashioned plants, that grows 3 to 4 feet high and flowers in June.

ECHINOPS ritro. Globe Thistle. Flowers deep metallic blue. 3 feet.

var. sphærocephalus. Pale blue, globe-shaped flowers.

ERYNGIUM amethystinum. Sea Holly. An excellent border plant with amethyst-blue flowers from July to September. 2 feet.

EUPATORIUM ageratoides. White Snakeroot. Dense flat heads of white flowers on stems 3 to 4 feet high from August to October.

E. purpureum. A tall rank-growing native with rosy purple flowers in August and September.

FUNKIA cœrulea. Plantain Lily. Large handsome leaves; spikes of blue flowers in July and August. Valuable for individual, as well as collective planting.

F., Thos. Hogg. White variegated leaves.

F. undulata media picta. Green and white variegated foliage; purple flowers.

GAILLARDIA grandiflora. Blanket-Flower. We offer no more desirable herbaceous plant than this one, which begins to flower in June and continues unremittingly until frost. It grows 2 to 3 feet in height and thrives almost anywhere. The center of the flower is a dark reddish brown, while the orange petals are differently marked with bands of scarlet-crimson and vermilion.

GYPSOPHILA acutifolia. Delicate panicles of white flowers in July.

G. paniculata. Baby's Breath. A favorite loose open plant 3 to 4 feet high that is laden in August and September with tiny pure white flowers that are especially delicate and suitable for bouquets, etc.

HELIANTHUS. Hardy Sunflower. Strong growers; succeeding anywhere. Useful in connection with shrubbery borders; in clumps by themselves as well as all herbaceous plantings. They grow 4 to 5 feet high and in August and September bear golden yellow flowers.

HELIOPSIS Pitcheriana. A continual bloomer from early summer until late in the season. Abundant, deep golden yellow flowers about 2 inches in diameter, borne on stems 3 to 4 feet high.

H. scabra major. Orange-Flower. A desirable herbaceous plant, which bears very large flowers of a beautiful deep golden yellow color. Begins to flower early in the season and continues the entire summer. Valued for cutting.

HELLEBORUS niger. Christmas Rose. A tiny plant remarkable for the large flowers that it produces very early in the spring; sometimes even before the snow goes.

30 cts. each, $2.50 for 10

HEMEROCALLIS flava. Yellow Day Lily. A profusion of large, fragrant yellow lilies during August and September. Grows 3 feet high.

HESPERIS matronalis. Sweet Rocket. Showy terminal spikes. Pink flowers in June and July. Shrubby habit. 3 to 4 feet.

HEUCHERA sanguinea. Grows but 1½ to 2 feet high and forms a compact tuft of foliage. Spikes loaded with bright coral-red flowers. July and August.

Japanese Iris. Almost as beautiful and rich as an orchid

HIBISCUS Moscheutos, var. Crimson Eye. A woody plant often 5 feet in height. It is fond of moist places, although it grows well in drier soils. In September it bears large, single flowers with crimson centers. It is a beautiful plant in bloom and especially suited for mixed borders.

HOLLYHOCKS. Hollyhocks are so well known that they do not require describing. Their value in perennial borders and for interspersing among shrubbery is realized. We offer the double fringed Allegheny Hollyhocks in assorted colors, also distinct double varieties in red, white, pink, maroon and salmon colors.

HYPERICUM Moserianum. Gold Flower. June until frost. A low, creeping plant, with bright green leaves that make a pretty setting for the golden yellow flowers.

1-yr. plants . . 25c. each, $2 for 10, $15 per 100

IRIS

Sometimes known as "Flags" and often spoken of as "Fleur de Lis." Popular herbaceous plants that come up year after year, and each season stronger and more floriferous than the previous. They grow in clumps and do well in almost any soil; are desirable in borders and shrubbery and are beautiful in beds and groups by themselves, and for planting along water edges. The flowers embrace a variety of colors and innumerable tints of blue, yellow and white. Those of the German forms are not so delicately colored, nor are they so large as the flowers of the Japanese varieties. They bloom the latter part of May and are through flowering the last of June, when the Japanese Iris are brilliant with their wealth of flowers. Both are needed to give a continuous effect from May to July.

IRIS, continued

GERMAN IRIS (*Iris Germanica*)

Adonis. The earliest to flower; royal purple.

Albino. Pale lavender, tinged with purple.

Britannica. Blush.

Chameleon. Delicate blue.

Charlotte Patty. Golden yellow, lower petals lightly veined with blue.

Chas. Dickens. Upper petals light violet-blue, lower veined and tipped with bluish purple.

Fairy Queen. Upper petals white, lower veined with blue.

Florentina alba. White and fragrant.

Garrick. Upper petals light blue, lower violet-blue.

General Grant. Light chocolate color.

Gigantea. White, fringed with lilac.

Herant. Blue.

Madame de Brabant. Blue.

Othello. Upper petals bronze-yellow, lower purple.

Pallida. The darkest blue we have.

Pauline. Light blue, lower petals slightly darker.

Pecatum. White, fringed with lilac.

Queen of Gypsies. Upper petals chocolate-brown, lower ones bluish yellow.

Violette. Pale blue, lower petals tinted with purple.

Virgin. Coppery yellow, lower petals tinted with purple.

William III. Lavender.

Strong divisions of any of the above, 15 cts. each, $1.25 for 10, $10 per 100; large undivided roots, 25 cts. each, $2 for 10, $15 per 100.

If the selection is left to us, we have a larger number of varieties to choose from and can give a better assortment of colors. Divided roots of our selection, 10 cts. each, 75 cts. for 10, $6 per 100

JAPANESE IRIS (*Iris Kæmpferi*)

†**Artus.** Lilac.

†**Corea.** Violet-purple.

††**Doshiska.** Bluish white, dark veined.

††**Emperor.** Purple.

†**Gloriosa.** Reddish purple, yellow center.

†**Kumoma-no-sora.** A silvery white double form, veined with blue.

††**Meiran.** White, striped with blue.

††**Sultana.** Blue petals, splashed with white and light center.

JAPANESE IRIS, continued

†**Tokyo.** Blue, white center.

†**Yomo-no-umi.** A splendid white variety.

†Denotes varieties of which we only have strong divided roots.

††Denotes varieties of which we have large undivided roots, as well as strong divisions.

Price of strong divided roots, 15c. each, $1.50 for 10, $10 per 100; large undivided roots, 25c. each, $2 for 10, $15 per 100

It is quite possible that early sales will break our assortment so purchasers will do well to name a second choice, or, if the selection is left to us, we have a number of other varieties to choose from and will supply strong divided roots at 12 cts. each, $1 for 10, $8 per 100.

IRIS Sibirica. Flowers in May and June on stems about 3 feet long. Bright lilac-blue flowers. Is useful for cutting.

var. alba. White, veined with lilac.

var. orientalis. Free-flowering, violet-blue.

LATHYRUS latifolius. EVERLASTING, or PERENNIAL PEA. Climbs to 8 or 10 feet in height, and produces clusters of large, rosy red, pea-shaped flowers the entire summer. Useful for cutting,

LAVANDULA vera. THE COMMON LAVENDER. With familiar aromatic foliage and fragrant blue flowers in July and August. 1½ feet.

LIATRIS. BLAZING STAR, or GAY-FEATHER. In September and October the plant is loaded with long spikes of rich, rosy purple flowers.

LINARIA cymbalaria. KENILWORTH IVY. A tender trailing plant suitable for rockeries and shaded places. It springs up year after year from seed.

LINUM perenne. FLAX. 1½ feet. Graceful foliage. Large, blue and white flowers through the entire season.

LOBELIA cardinalis. CARDINAL-FLOWER. From August to October. The bright scarlet flowers are among the most brilliant in the hardy border, growing 2 to 2½ feet high.

var. Queen Victoria. Dark bronzy foliage and brilliant scarlet flowers.

var. syphilitica. A strong grower with light blue flowers.

LYCHNIS Chalcedonica. LONDON PRIDE. An especially desirable perennial, with brilliant heads of orange-scarlet flowers from July to September. 3 feet high.

LYSIMACHIA nummularia. CREEPING JENNY. Valuable for planting under trees where grass will not grow.

LYTHRUM roseum superbum. ROSE LOOSESTRIFE. Valued in all perennial borders and most soils. Grows about 3 feet high, and from July to September it is bright with spikes of rose-colored flowers.

MONARDA didyma splendens. BERGAMOT. Bright scarlet flowers on spikes 2 to 3 feet high during July and August.

var. fistulosa alba. WILD BERGAMOT. White flowers.

MYOSOTIS palustris. FORGET-ME-NOT. Low grower, bearing a profusion of small pale blue flowers all summer. A general favorite.

ŒNOTHERA. EVENING PRIMROSE. A showy border plant with different colored flowers that bloom all summer.

PAPAVER nudicaule. ICELAND POPPY. Cup-shaped flowers, on stems about a foot high, vary in color through different shades of white, yellow and red. The plant makes splendid little tufts of fern-like foliage upon the ground. June to Oct.

var. orientalis. Gorgeous red flowers in May. 25 cts. each, $2 for 10.

PENTSTEMON barbatus Torreyi. BEARD-TONGUE. Is a showy thing from June to August with spikes 3 to 6 feet high of brilliant scarlet color.

P. digitalis. A border and rockery plant, with spikes of long purple-white flowers in June and July. Grows 2 to 3 feet tall.

P. pubescens. Bright rosy purple. July and August. 1½ feet high.

PEONIES

These old-time favorites are being planted more than ever before. Their great flowers are perfectly formed and are often as fragrant and as delicately colored as a rose. They grow best in a rich, deep soil and sunny position, but will thrive in partially shaded places. They are admired in all herbaceous borders for planting among shrubbery, and are valued in beds or groups by themselves. Grow about 2 feet high, and flower in May and June. We list a carefully selected assortment of the best varieties, which include some of the newer and handsomer introductions; but in addition to the varieties here, we have many others that we shall cheerfully price upon application.

Several hundred large 4-year clumps of different varieties of Peonies at $1 each and $9 for 10, are of flowering age and will give quick results

Achille. Pale pink; profuse bloomer. 25 cts. each, $2 for 10.

Alba plena. Light rose, center white. Fragrant. 25 cts. each, $2 for 10.

August Mielez. Rose, center yellow-rose. 25 cts. each, $2 for 10.

Candidissima. Creamy white, center sulphur-yellow. 30 cts. each, $3 for 10.

Charlemagne. Free bloomer; creamy white, center lilac-pink. 20 cts. each, $2 for 10.

Chrysanthemiflora. Light pink, lemon-yellow center. 25 cts. each, $2 for 10.

Decaisne. Claret. 25 cts. each, $2 for 10.

PEONIES, continued

De Lachie. Purple. 25 cts. each, $2 for 10.

Duke of Wellington. White, with creamy center. 50 cts. each, $4 for 10; 4-yr. clumps, $1.25 each.

Edulis superba. Almost clear rose. 25 cts. each, $2 for 10.

Faust. Delicate light pink. 25c. each, $2 for 10.

Festiva. White, with carmine spots. 25 cts. each, $2 for 10.

Festiva alba. Creamy white, occasionally spotted with carmine. 30 cts. each, $2.50 for 10.

Festiva maxima. The largest and finest white variety, with small scarlet flecks in the center of the flower. 50 cts. each, $4 for 10.

Floral Treasure. Bright pink; very fragrant. 4-year clumps, $1.25 each.

Fragrance. Pink. 4-year clumps, $1 each.

General Bertrand. Rose, center salmon-rose. 25c. each, $2 for 10.

Golden Harvest. The nearest approach to yellow. 4-year clumps, $1 each.

Grandiflora rubra. Deep red. 30 cts. each, $2.50 for 10; 4-year clumps, $1 each.

Humei alba. Guards flesh, tipped white, blush center. 30 cts. each, $2.50 for 10.

Humei carnea. Clear rose. 30 cts. each, $2.50 for 10.

Jeanne d'Arc. Rose, center sulphur-yellow. 25c. each, $2 for 10.

La Tulipe. Flesh-pink, shaded to ivory-white. 4-year clumps, $1.25 each.

L'Esperance. Sulphur-white. 4-year clumps, $1.25.

Louis Van Houtte. Cherry-red, with lighter center. 25 cts. each, $2 for 10.

Madam Breon. Rose-pink, changing to yellow. 30 cts. each, $2.50 for 10; 4-yr. clumps, $1 each.

Peonies in bloom. Never before have we had so good a stock of these splendid plants

Madame Geissler. Lilac-pink and white. 4-year clumps, $1 each.

Madonna. Salmon-pink. 4-year clumps, $1 each.

Magnifica. Pinkish white. 4-yr. clumps, $1 each.

Mont Blanc. White guard petals, with creamy yellow center. 50 cts. each.

Ne Plus Ultra. Large, well-formed, clear flesh-pink. 4-year clumps, $1 each.

Potsii. Deep rose; late-flowering. 4-year clumps, $1 each.

Prolifera tricolor. Pinkish white, with darker center. 25 cts. each, $2 for 10.

Psyche. Bright rose; fine, full flower. 4-year clumps, $1 each.

Pulcherriana. Rose, center salmon tinted. 25 cts. each, $2 for 10.

Queen Victoria. Late; white, creamy center. 4-year clumps, $1 each.

Raphael. Large; garnet-red. 25c. ea., $2 for 10.

Rosea Superba. Full rosy pink and extra large. 4-year clumps, $1 each.

Rose de Armour. Well formed; fragrant; pink. 25 cts. each, $2 for 10.

Rubens. Dark crimson. 25 cts. each. $2 for 10.

Rubra Triumphans. Dark carmine, with conspicuous yellow stamens. 30 cts. each, $2.50 for 10.

Solfatare. Fine, sulphur-yellow. 25c. ea., $2 for 10.

Victoria tricolor. Fragrant; pink, rose and salmon mixed. 4-yr. clumps, $1 each.

PÆONIA OFFICINALIS. These are the old-fashioned favorites which come into bloom about ten days earlier than the other sorts. They are abundant and sure bloomers. We offer both red and white varieties. 25 cts. each, $2 for 10, $15 per 100.

P. Mouton. JAPAN TREE PEONIES. These are dwarf shrubs that flower earlier than the herbaceous Peonies. The flowers are large and beautiful. We offer assorted colors. $1 each, $9 for 10.

P. tenuifolia. The earliest Peonies to bloom. Rich crimson, single flowers in abundance. Grows about 1½ feet high, and has dark, deeply cut, odd foliage. 50c. ea., $4 for 10. **var. flora plena.** Differs from the above in having double flowers. 50c. ea., $4 for 10.

PHLOX

Familiar plants in old dooryards, and valuable in all hardy borders. They grow in any soil, and range in height from 1 to 4 feet, and flower continuously from June until October. The flowers are borne in clusters at the top of each shoot. There is a wide range of colors among them, and we offer an assortment of the most desirable shades.

Strong 2-year, field-grown plants, 15 cts. each, $1.25 for 10, $10 per 100

Adonis. Deep pink, individual flowers small; similar to Aurora Borealis.

Andreas Hoffer. Reputed to be the most hardy Phlox. Pure white; early.

Athis. Deep pink. Flower-heads not as good as some other.

PHLOX, continued

Aurora Borealis. Orange-red; good flower-head.

B. Compte. Dark crimson, almost purple. Desirable sort.

Crepuscle. Pale lavender, with light halo in center. Splendidly formed heads, individual flower large.

Cross of Honor. White, rosy lilac center.

Eclaireur. Crimson. Lighter than B. Compte; very showy.

Edmund Rostand. Deep rose, with white center.

Faust. White, with pink center similar to Richard Wallace.

General Brent. White, with pale lavender eye.

Jeanne d'Arc. Pure white. Late flowering.

J. H. Slocum. Dark red, similar to Aurora Borealis.

Lothair. Salmon-red, crimson. Desirable sort.

Mrs. Jenkins. Large, pure white. Medium early.

Ornament. Dwarf grower; pale pink, with a crimson eye.

Peachblow. Blush.

Professor Schlieman. Salmon-rose, carmine eye.

Purity. White. Almost identical with Mrs. Jenkins.

Rendatler. Magenta.

Richard Wallace. White, with pink center. Familiar old-fashioned kind.

The Pearl. Pure white, splendid heads. A tall grower and desirable sort.

Von Gœthe. Salmon-rose.

Phlox subulata. Moss, or Mountain Pink. A low-growing, half-creeping evergreen, that is buried in very early spring beneath a multitude of little flowers. It is a splendid thing for a ground cover in barren places, for rockeries, graves and bedding. We offer both white and pink varieties.

PHYSOSTEGIA Virginica. A splendid summer-flowering perennial with long spikes of showy soft pink flowers, highly valued for bouquets. 4 ft.

var. denticulata. Flower spikes more loosely covered with bloom than the above. 2 to 3 ft.

PLATYCODON grandiflora. Balloon-Flower, or Chinese Bellflower. Resembles the campanula in appearance and blooms continuously from June until October. Grows about 2 feet high. The flowers are 1 to 1½ inches across. Usually a deep blue, sometimes white

Platycodon Japonica flore pleno. The flowers of this variety are large and double, with inner petals alternating with the outer ones. Otherwise same as the preceding.

POLYGONUM compactum. A mass of white flowers in August and September. Foliage attractive. 1½ to 2 ft.

PRIMULA elatior. Oxlip. Low-growing, free-flowering, with yellow blossoms in early spring.

P. veris. English Cowslip. A favorite, low-growing plant, whose flowers include a wide range of colors. We offer a fine strain.

PYRETHRUM hybridum. June. Flowers resemble asters and vary in color from white to shades of pink, red and purple. Feathery foliage. 3 ft.

P. uliginosum. Giant Daisy. Large white daisy-like flowers from July to September. 4 to 5 feet.

RUDBECKIA. Golden Glow. From July to September the tall, swaying stems are aglow with golden yellow dahlia-like flowers. Strong, robust grower. 5 to 6 ft.

R. Newmani. July to October. Fine for cutting. Orange-yellow flowers. 3 feet.

SAPONARIA caucasica flora pleno. Bouncing Bet. White flowers all summer and fall.

SEDUM spectabile. Brilliant Stonecrop. A stout, heavy-looking plant with broad, oval, light green leaves. Grows about 18 inches high and bears handsome heads of rose-colored flowers in late summer and early fall.

STOKESIA cyanea. Familiarly known as the Cornflower Aster. Grows 18 to 24 inches high, and from July until October it bears large double flowers often 4 to 5 inches across. They are lavender-blue in color and very pretty.

SYMPHYANDRA Hoffmanni. Drooping campanula-like white flowers in July and August. 2 ft.

TUNICA saxifraga. A low border or rockery plant, that bears light pink flowers all summer.

VERONICA Hectorii. Spikes of blue flowers.

var. spicata. Speedwell. Grows 1½ feet and produces in July and August long spikes of bright blue flowers.

Hardy Fruits

APPLES

5 to 7 feet, selected, 35c. each, $3 for 10, $25 per 100

EARLY APPLES

Fourth of July. Medium size. White, yellow and red striped; flesh white.

Red Astrachan. Very early; crimson, streaked with yellow; juicy.

Williams Early Red (Williams Favorite). Large, oblong, red, rich and excellent. A good bearer.

Yellow Transparent. Pale yellow when ripe; flesh tender, juicy and good.

AUTUMN APPLES

Fameuse (Snow Apple). Deep crimson; flesh snowy white.

Fall Pippin. Large; yellow; rich and delicious. Good bearer.

Gravenstein. Large; yellow, striped with red. Among the best.

Oldenburg (Duchess of Oldenburg). Streaked with red and yellow; tender and juicy. Good for cooking.

Wealthy. White, yellow and red stripe; flesh white.

WINTER APPLES

American Golden Russet (Sheepnose). High-flavored and spicy. Profuse bearer and good keeper.

WINTER APPLES, continued

Baldwin. Large, deep red; productive and desirable.

Bellefleur. Large, yellow, with red cheek; juicy and splendid for eating.

Ben Davis (New York Pippin). Bright red and juicy. Valued for commercial purposes.

Dominie (Wells of Ohio). Red and yellow striped. A good bearer.

Jonathan. Yellow and red striped; flesh white.

King of Tompkins County. Large, red; productive and good for cooking or eating.

Longfield. Yellowish fruit, striped with red.

Mann. Yellow, juicy; good keeper.

Nero. Red; very productive.

Northern Spy. Pale yellow, striped with red. Good keeper and a splendid Apple of excellent flavor.

Roxbury Russet (Boston Russet). Large, greenish. Good keeper and productive.

Smith Cider. Popular, late-keeping red Apple; prolific bearer.

Stamen Winesap. Larger and more prolific than the common Winesap.

Wagner. Red; flesh firm.

Winesap. A fine red winter Apple that is productive.

W. W. Pearmain. Yellowish green; flesh tender, juicy and rich.

York Imperial. Large, red Apple of agreeable flavor; desirable.

DWARF APPLES

McIntosh. Good, late red.

Rome Beauty. Late; yellow and red.

Wealthy. Good tasted red autumn Apple.

CRAB APPLES

35 cts. each, $3 for 10

Hyslop. Beautiful in flower; large dark crimson fruit.

Martha. Yellow, shaded with red. A prolific bearer.

Transcendent. Sept. Large, yellow and red; productive.

Yellow Siberian (Golden Beauty). Small; golden yellow. September.

APRICOTS

35 cts. each, $3 for 10

Harris. Large, golden yellow fruits. Early in July.

Moorpark. First of August. Firm, juicy; fruit of darker color than the above.

Nicholas. Agreeable flavor; prolific bearer. July.

Black Tartarian Cherry

CHERRIES

5 to 7 ft., 60 cts. each, $5 for 10

Black Tartarian. Big, dark red or black Cherry; of splendid flavor.

Early Richmond. A very productive pie or sour Cherry that is prized for cooking and preserving.

English Morello. A late red, sour variety that is valued for culinary purposes.

Governor Wood. Large white Cherry, shaded with red; sweet and delicious.

Montmorency. Large, red, tart fruit; very prolific and desirable.

Napoleon. A large, sweet, white Cherry with red cheeks.

Windsor. Large, dark red, late and sweet.

MULBERRIES

For prices and descriptions, see page 3

NECTARINES

35 cts. each, $3 for 10

Downton. White, with red cheek; highly flavored.

PEACHES

5 to 7 ft., selected, 25c. each, $2 for 10, $15 per 10

Alexander. July and August. Greenish white, spotte with deep red; firm, sweet and juicy; slightly clingstone; very productive.

Champion. August. Firm, white, freestone Peach tha is rich, sweet and juicy.

Crawford's Early. August and September. A large yellow Peach of splendid quality; strong grower an prolific fruiter.

Crawford's Late. Last of September. Large, yello freestone. Peach of the best quality. A prolific beare and a most popular variety.

Crosby. September. Medium-sized, yellow with streak of carmine; of good quality and hardiest variety known

Elberta. September. A very large, yellow freeston Peach, that is rich, sweet and juicy. A vigorous growe and splendid sort for eating or preserving.

Globe. October. Large, golden yellow with red cheek sweet and luscious flavor; a desirable freestone variety

Mountain Rose. August. Large, red freestone Peac with white flesh. Rich, juicy and sweet. One of th best early varieties.

Morris White. September. Firm, medium size, white sweet and juicy.

Oldmixon Free. September. Large, yellowish white freestone, of excellent flavor and productive.

Reeves' Favorite. September. Large, yellow, with fin red cheek; delicious, juicy; splendid sort.

Stephen's Rareripe. September. Large, handsom white Peach of finest quality; a regular bearer.

Stump the World. September. Large, freestone; whit with red cheek; firm, juicy and excellent quality.

PEARS

5 to 7 feet, ¾ to 1 inch caliper, 50 cts. each, $4 for 1
$35 per 100

SUMMER PEARS

Bartlett. September. A popular variety with large ye low fruit; sweet and juicy. Excellent for eating c preserving. A prolific bearer and a strong growe Besides the standard grade offered above we hav some extra heavy, 8- to 10-foot trees, at $1.

SUMMER PEARS, continued

Clapp's Favorite. September. Large, pale yellow with crimson cheek; fruit fine-grained and good for eating. Should be picked early and ripened indoors.

Doyenne d'Ete. July. Small, yellow, shaded red.

Koonce. July. Large, yellow fruit; good quality.

Osband's Summer. August. Medium-sized; yellow, with reddish brown cheek.

Tyson. August. Large, bright yellow with brown cheek.

AUTUMN PEARS

Belle Lucrative. Late September. Medium-sized, pale yellowish green, and sweet.

Beurre d'Anjou. Late October. Large, russet-yellow; excellent flavor and a prolific bearer.

Buffum. October. Yellow and russet; fruit buttery and sweet.

Duchesse d'Angouleme. October. Large, greenish yellow; fruit rich and juicy. Desirable sort.

Flemish Beauty. September and October. Large, greenish yellow, sweet and juicy.

Louise Bonne de Jersey. Late September. Large, yellow, with dark red cheek; good-tasted.

Seckel. September and October. A little brown Pear exceptionally sweet and juicy.

Sheldon. October. Large, russet and red; rich, melting and juicy, fine flavor.

Worden-Seckel. September and October. Resembles the old-fashioned Seckel Pear; is equally good and larger.

WINTER PEARS

Duchesse de Bordeaux. Large, yellow, with russet cheek; sweet and good keeper.

Kieffer. Very vigorous and productive, even when young; fruit large and yellow; a good keeper.

Lawrence. November. Rather large, yellow Pear, of splendid rich flavor.

Vicar. Large, productive and a good keeper.

DWARF PEARS

50 cts. each, $4 for 10

Bartlett. September. Familiar large, yellow Pear, that is splendid for eating or cooking.

Beurre d'Anjou. October to December. Large, russet-yellow; of excellent flavor; productive and a good keeper.

Duchesse d'Angouleme. October. Large, greenish yellow Pear; rich and juicy; desirable sort.

DWARF PEARS, continued

Louise Bonne de Jersey. October. Large, greenish yellow with red cheeks; juicy and good tasted.

Seckel. September and October. A little brown Pear, exceptionally sweet and juicy; delicious for eating.

PERSIMMONS

American. Our native species, which bears so abundantly. 75 cts. each, $5 for 10.

PLUMS

5 to 7 ft., selected, 50 cts. each, $4 for 10

Gueii. Late August. Large blue fruit; flesh yellow, sweet and pleasant. Good freestone variety.

Imperial Gage. Middle of August. Good size, freestone; greenish in color, sweet and juicy.

Lombard. Last of August. Violet-red, yellow flesh, agreeable flavor; vigorous and bountiful fruiter.

Yellow Gage. August. Medium-sized; yellow, rich and juicy.

JAPAN PLUMS

Abundance. August. Large; red, yellow flesh; sweet and rich. Valued for cooking and eating.

Burbank. August. Good-sized, red; valuable domestic sort. Flesh sweet, rich and yellow.

Hale. September. Large and handsome; yellow, blushed with red; vigorous grower and productive; splendid sort.

October Purple (Purple Egg). Large, purple; flesh yellow and sweet.

Red June. Earliest variety. Large, purplish red; flesh yellow and solid.

Satsuma. August. Good quality, vigorous habit; purple and red.

Wickson. September. Dark red, good size, agreeable flavor; very productive.

Willard. Early August. Speckled bright red, firm white flesh; good flavor and freestone.

QUINCES

50 cts. each, $4 for 10

Champion. October. Large and productive; splendid fo cooking and a good keeper.

Orange, or Apple. September. Large, handsome fruit of good quality. A popular sort.

Small Fruits

BLACKBERRIES

50 cts. for 10, $3 per 100

Rathbun. Heavy bearer; extra large, of good quality.

Snyder Berries medium-sized, sweet and good. Wonderfully productive.

CURRANTS

$1 for 10, $7.50 per 100

Black Naples. A black-fruited variety. Excellent for jellies.

Cherry. Large, scarlet, of excellent quality; productive.

Fay's Prolific. Large, deep red. Good commercial variety.

Pomona. Bright red, good keeper, few seeds, nice quality.

Versailles. Large, red, and of excellent quality; fine bunches.

GOOSEBERRIES

Downing. Very large; whitish green; excellent for domestic use. 2 years, $1.50 for 10, $10 per 100.

Industry. Dark red; excellent sort; very productive. 2 years, $2 for 10, $12 per 100.

GRAPES

Strong, 2-year vines, 25 cts. each, $1.50 for 10, $12 per 100

Agawam. Red; large, sweet and desirable.

Campbell's Early. Black, large bunches; good quality.

Catawba. Late red; medium-sized, productive, sweet variety.

Concord. Blue; familiar sort that produces large bunches of berries of delicious flavor.

Delaware. Red; small, compact bunches of delicious fruit.

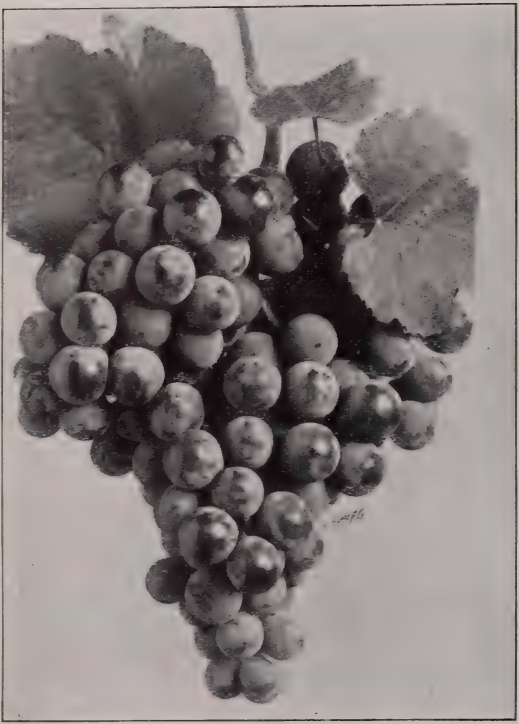
GRAPES, continued

Hartford Prolific. Black; early, of fair quality.

Moore's Diamond. White, handsome, compact bunches; early.

Niagara. White, large, compact bunches; sweet, delicious flavor.

Wordon. Black, large clusters, big grapes; sweet, agreeable flavor.



RASPBERRIES

75 cts. for 10, $4 per 100

Cuthbert. Late red; large, firm, sweet and luscious.

Golden Queen. Yellow fruit; in other respects similar to Cuthbert.

Gregg. Large; early black variety of splendid quality.

Loudon. A moderately early red sort with fruit of excellent quality.

Marlboro. Handsome red berry of good quality.

STRAWBERRIES

$1.50 per 100, $6 per 1,000

EARLY

Crescent. Very productive and stands hardships; small fruit of fair quality.

Early Hathaway. New. Large fruit of good quality.

Excelsior. Very early; firm and large.

Marshall. Large and early.

MID-SEASON

†**Bubach.** Very large and productive; quality fair.

Clyde. Very fruitful, small berry; bright red in color and very showy.

†**Sample.** Good quality, large berry; valuable for extending the season.

Sharpless. A favorite, sweet berry and reliable sort.

Wm. Belt. Vigorous, good-tasted; satisfactory sort.

†**Warfield.** Enormously productive, medium-sized, goo quality.

LATE

Aroma. Popular, large; excellent quality.

Brandywine. Reliable, medium-sized; sweet berry.

Gandy. Popular late sort, of desirable qualities. Is ver profitable in some sections.

Haverland. Firm berry of good quality.

Nick Ohmer. A fine sort with large berries of deliciou flavor.

†Varieties with imperfect flowers that should be plante near perfect varieties.

Vegetable Roots and Plants

ASPARAGUS. Strong 2-year roots, $1 per 100, $6 per 1,000.

Barr's Mammoth. Large, green variety that is a strong grower; splendid market sort.

Columbian Mammoth. A vigorous grower of excellent quality with white shoots.

Conover's Colossal. Mammoth shoots of quick and vigorous growth. A profitable market variety.

Asparagus, Donald's Elmira. Large, tender, gree shoots of good quality.

Palmetto. Claimed to be better than Conover's Colossal, as it yields a heavier crop that is equally desirable.

HOP VINES. 15 cts. each, $1 for 10.

HORSE-RADISH. 25c. for 10, $1 per 100, $6 per 1,000

RHUBARB, or **PIE PLANT.** 75c. for 10, $5 per 100

Nuts

ALMONDS, Hard or Soft Shell. 50c. each, $4 for 10.

CHESTNUTS, American Sweet. Our native sort.

	Each	10
4 to 5 ft.	$0 50	$4 00
5 to 6 ft.	75	5 00

Japan Giant. Large nuts; bears when young. $1.50 each, $12.50 for 10

Paragon. Large nuts, of good quality; prolific bearer. $1.50 each, $12.50 for 10

FILBERT, English. Nuts large and of good flavor. 75 cts. each, $5 for 10

PECAN, Paper Shell. Oblong, sweet nuts of good quality. 75 cts. each, $5 for 10

SHELLBARK HICKORY, Thin Shell. 50 cts. each, $4 for 10

WALNUTS, Black. Well-known native; a grand tre which is very ornamental; useful for the abundanc of nuts that it bears.

	Each	10
4 to 6 ft.	$1 00	$7 5
6 to 8 ft.	1 50	

English. The thin-shelled variety, which is sold at th fruit-stands. In sheltered situations the tree is vigorous grower, and in many localities very productive.

	Each	10
3 to 4 ft.	$0 75	$5 0
4 to 5 ft.	1 00	7 5

Japan. Hardy; sweet, thin shell.
6 to 7 ft. . . . . 75 cts. each, $6 for 1

White Walnut, or **Butternut.**
6 to 8 ft. . . . . 75 cts. each, $5 for 1

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J. HORACE McFARLAND CO., HORTICULTURAL PRINTERS, HARRISBURG, PA.

A fine example of the "natural" in landscaping. We have all of the plants necessary to produce similar results

THE WM. H. MOON COMPANY

Glenwood Nurseries

MORRISVILLE · PENNSYLVANIA

MOON'S

HARDY TREES AND PLANTS
FOR EVERY PLACE AND PURPOSE

1909

THE WM. H. MOON COMPANY
MORRISVILLE, PENNSYLVANIA
PHILADELPHIA OFFICE, 616 STEPHEN GIRARD BUILDING

We Want All Who Can to Visit Our Nurseries

THIS catalogue can not accurately describe the quality and extent of our stock. It is impossible for it to give more than a suggestion of the delicacy of color, grace and beauty of form, or fragrance of flowers. Our nurseries must be inspected to fully appreciate these qualities. They are open every day excepting the Sabbath, and we want every one who can to visit them, and to make such selections of plants as they may desire.

Location

Our nurseries are located near Morrisville, Bucks County, Pa., across the Delaware River from Trenton, N. J. They are quickly accessible from New York or Philadelphia by express trains to Trenton, N. J., over either the Pennsylvania or Reading Railroads. Carriages may be secured at the depots or suburban trolleys at Warren and Hanover Streets. All cars for Yardley, Pa., pass our nurseries, located one and one-half miles distant from the trolley terminus

The popular automobile route from New York to Philadelphia passes within one-fourth mile of our place. Those who can would enjoy this means of visiting us.

PREFACE

AWAY from the smoke and gases of cities on the fertile agricultural lands of Pennsylvania, so well suited to the healthy, vigorous growth of plant and tree life, the Glenwood Nurseries were started thirty-seven years ago.

Located midway between Philadelphia and New York City, with shipping advantages that competing rail and water facilities afford, our products are within quick and accessible reach of the East, South and West.

To these natural advantages we have added the experience of years, and have spared no efforts or expense in the culture of our stock. Root systems, so fundamentally necessary to the successful transplanting of a tree, are produced to a degree seldom equaled. Ample space for symmetrical development is allowed each plant. Above all, we exercise a care in digging, packing and grading our products to such a high quality standard that *Moon's Trees* are now best known by the results they have produced in every State in the Union.

We will at all times be found willing to correct mistakes that may occur. While we do not guarantee the growth of our plants, we will, when satisfactory explanations of failure are given, allow concessions to any one that may have suffered an undue proportion of loss with our products.

In purchasing trees and shrubbery, considerations like these count for more than mere economy in price, when obtained at the sacrifice of quality. For weak, diseased or inferior nursery stock means not only loss of money and loss of time in getting results, but disappointment and the danger of contamination to plants you may already have.

Upon the quality of our product and upon the policy of a "square deal" the modest little nursery of thirty-seven years ago, has increased to 400 acres in extent, and now contains almost 2,500 varieties of *Hardy Trees and Plants for Every Place and Purpose.* An assortment of this size, with the other advantages mentioned, appeals to the purchaser of choice Ornamental Nursery Stock, and we invite you to remember *Moon's Trees* when wanting anything in our line.

THE WM. H. MOON COMPANY

Glenwood Nurseries
MORRISVILLE, PENNSYLVANIA

JAMES M. MOON, *President*
HENRY W. COMFORT, *Vice-Pres.*
WM. H. MOON, *Sec'y and Treas.*

Philadelphia Office: 616 STEPHEN GIRARD BUILDING, 21 SOUTH 12th STREET

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Successful Landscape Planting

In planting a new lawn, or in remodeling an old one, it is best to have an expert acquainted with trees and plants to help in arranging them in the most artistic and effective way. Let us, who have had so much experience in planting lawns, assist in making yours. You will get better results for the money expended and will be saved the expense and disappointment of planting things unsuited for your location and soil.

The groupings of flowers and shrubbery, or the location of trees, must be so placed that they will produce a harmonious whole that makes the lawn abound in interest and beauty. At the same time, they must fulfil their mission of giving shade or hiding from view some unsightly object ; framing some vista with foliage, making a display of flowers and enhancing the beauty of the place to the owner's satisfaction.

Consult us about planting plans that will help you to get such results. We solicit correspondence with all who contemplate improving and beautifying their grounds, whether it be on the lawn of the modest home or on the larger estates.

THE WM. H. MOON COMPANY

Landscape Department
21 SOUTH TWELFTH STREET
PHILADELPHIA, PA.

Nurseries at
Morrisville, Pa.

This entrance has been made beautiful by us

Our Evergreens will produce at once results like this

Coniferous Evergreens

EVERGREENS are our great specialty. The soil in our nurseries is splendidly suited to their growth, making possible the production of the best root systems, which minimizes the likelihood of loss from transplanting.

The number of varieties in our collection is probably not exceeded. A catalogue gives no idea of the range and delicacy of coloring that this class of trees possess nor of the difference that exists in form and habit of the numerous kinds. They must be seen to be fully appreciated.

Evergreens are much desired for specimen lawn trees; they are also extensively used for massing, shelter belts, screens, hedges, etc., while the taller varieties form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver-blue growths of smaller evergreens.

Besides the smaller grades, we have hundreds of large handsome specimens 12 to 20 feet high, which we have been years in raising. These will give at once the results purchasers would otherwise be a long while in obtaining. Especially are our specimens of Norway Spruce (*Picea excelsa*) and Green Golden and Silver Retinosporas (*Retinospora plumosa*, *R. plumosa aurea* and *R. squarrosa*), desirable for the immediate effect they will produce.

Varieties marked (L) usually attain at maturity a height of 60 feet. (M) signifies from 30 to 60 feet. (S) from 10 to 30 feet. (D) 4 to 10 feet. (VD) below 4 feet.

Abies · The Firs

The Firs are mostly quick-growing hardy evergreens that are useful in producing natural and wooded effects, as well as in the more attractive decorations of parks and lawns. They mature rapidly and on this account are valuable for planting in connection with slow-growing, longer-lived trees; because they give the prompt effect and are ready to give place to the slow-growing permanent trees when they mature. The soft, deep green needles of most varieties are fragrant with balsamic

Needles and Cones of the Balsam Fir (*Abies Balsamea*)

ABIES, continued

odors. Much used for grouping, specimens, windbreaks and hedging.

Abies Apollinis. (M) Similar to Nordmann's Fir, but has lighter foliage and is more compact. 2 to 2½ ft., $2; 6 to 8 ft. specimen, $12 to $30.

A. balsamea. BALSAM FIR. (M) An ornamental native of our forests that is very hardy; has dark green needles of pleasant fragrance; grows rapidly when young and does well in moist soils.

	Each	10	100
2½ to 3 ft.	$1 25	$10 00	$90 00
3 to 4 ft.	1 50	12 50	100 00
4 to 5 ft.	2 00	17 50	150 00
5 to 6 ft.	2 50	22 50	
6 to 7 ft.	3 50		

A. Canadensis. HEMLOCK SPRUCE. (See *Tsuga Canadensis*, page 15.)

A. Cephalonica. CEPHALONIAN FIR. (M) Grecian tree similar to Nordmann's Fir. Broad, handsome habit, makes good specimens. 3 to 3½ ft., $4; 3½ to 4 ft., $5.

A. Cilicia. (L) A beautiful rare tree with fine dark green leaves that are silvery white beneath. 3 to 3½ ft., $3.

A. concolor. WHITE FIR. (L) It grows rapidly and forms grand specimens. The needles are large and stiff and usually of a silvery glaucous color. 1¼ to 1½ ft., $1.50 each, $12.50 for 10.

A. excelsa. NORWAY SPRUCE. (See *Picea excelsa*, page 7.)

A. firma. JAPANESE SILVER FIR. (M) Odd and rare. Dark lustrous needles. 4 to 6 ft., $4 to $5.

A. Fraseri. DOUBLE BALSAM FIR. (L) Similar to the well-known Balsam Fir, but of finer habit, with darker foliage and of longer life, quick-growing. Desirable.

	Each	10	100
1 to 1½ ft.	$0 50	$4 00	$35 00
2 to 2½ ft.	75	6 00	50 00
2½ to 3 ft.	1 00	8 50	75 00
3 to 4 ft.	1 50	12 50	
6 to 8 ft.	4 50		

A. nobilis, var. glauca. NOBLE SILVER FIR. (L) Particularly handsome in spring when its color is a silvery blue. 2 to 2½ ft., $2.50; 4½ to 5 ft., $5.

A. Nordmanniana. NORDMANN'S FIR. (L) Thick, dense tree of fine proportions. The needles are wide, dark green and lustrous, with a silvery under surface that sparkles in the sun. This is one of the prettiest and best evergreens that we offer. It is handsome as a specimen or for grouping.

	Each	10
3 to 4 ft.	$3 50	$30 00
4 to 5 ft.	5 00	40 00
5 to 6 ft.	$6 to 10 00	
6 to 8 ft.	$10 to 15 00	
6 to 9 ft., unusual spec.	$15 to 30 00	

A. pectinata. EUROPEAN SILVER FIR. (L) Of rapid growth and upright habit. Valued for many purposes and admired for the glossy dark green needles that are silvery white beneath.

	Each	10	100
3 to 4 ft.	$1 50	$12 50	$100 00
4 to 5 ft.	2 00	17 50	
6 to 8 ft.	$4 to 7 00		

A. Veitchii. (L) A magnificent tree of splendid habit. The needles are dark lustrous green above and silvery white beneath. Hardy and a good grower. 5 to 6 ft., $5.

Biotas, or Chinese Arborvitæ

These Arborvitæs, introduced from the orient, have proven to be strong growers and handsome specimens. North of New York City they should be planted in sheltered places.

Biota orientalis. CHINESE ARBORVITÆ. (S) Deep green, soft feathery foliage and pyramidal habit. An openness of foliage and grace of habit make it distinct from the American species.

	Each	10
2 to 3 ft.	$0 75	$6 00
3 to 4 ft.	1 00	8 00

var. aurea. GOLDEN CHINESE ARBORVITÆ. (D) A dense, compact evergreen that is yellowish green in the spring and a bright green later in the season. 1¼ to 1½ ft., $1.50 ea., $12.50 for 10.

var. aurea nana. BERCKMAN'S GOLDEN ARBORVITÆ. (D). Splendid dwarf golden sort. 2 to 2½ ft., $2.

Cedrus · Cedars

These are the true Cedars. They are not entirely hardy north of Philadelphia, excepting in sheltered positions. They grow into beautiful trees. On lawns and public grounds they are very ornamental, and, where possible, we recommend their more general use.

Cedrus Atlantica. (S) A beautiful tree; needles somewhat resemble a Larch. 2 to 2½ ft., $1.50.

var. glauca. MT. ATLAS SILVER CEDAR. (S) A rare pyramidal tree with open branches and light bluish foliage. 2½ to 3 ft., $2; 5 to 6 ft., $5.

C. Deodora. DEODAR, OR INDIAN CEDAR. (S) The branches are drooping and graceful, with a silvery light blue foliage. 1½ to 2 ft., $1.50.

Cephalotaxus · Oriental Yews

Beautiful broad, low-growing evergreens, with dark lustrous green foliage. Hardy north of Philadelphia in sheltered places only.

Cephalotaxus drupacea. Forms a round, compact tree that seldom reaches over 8 feet. 1¼ to 1½ ft. x 2 ft. spread, $2; 4 ft., broad and heavy, $5.

C. Fortunei. CHINESE YEW. More erect than the above. 1½ to 2 ft. x 2 ft., $2, 4½ to 6 ft., heavy, $5 to $8.

Cupressus · Cypress

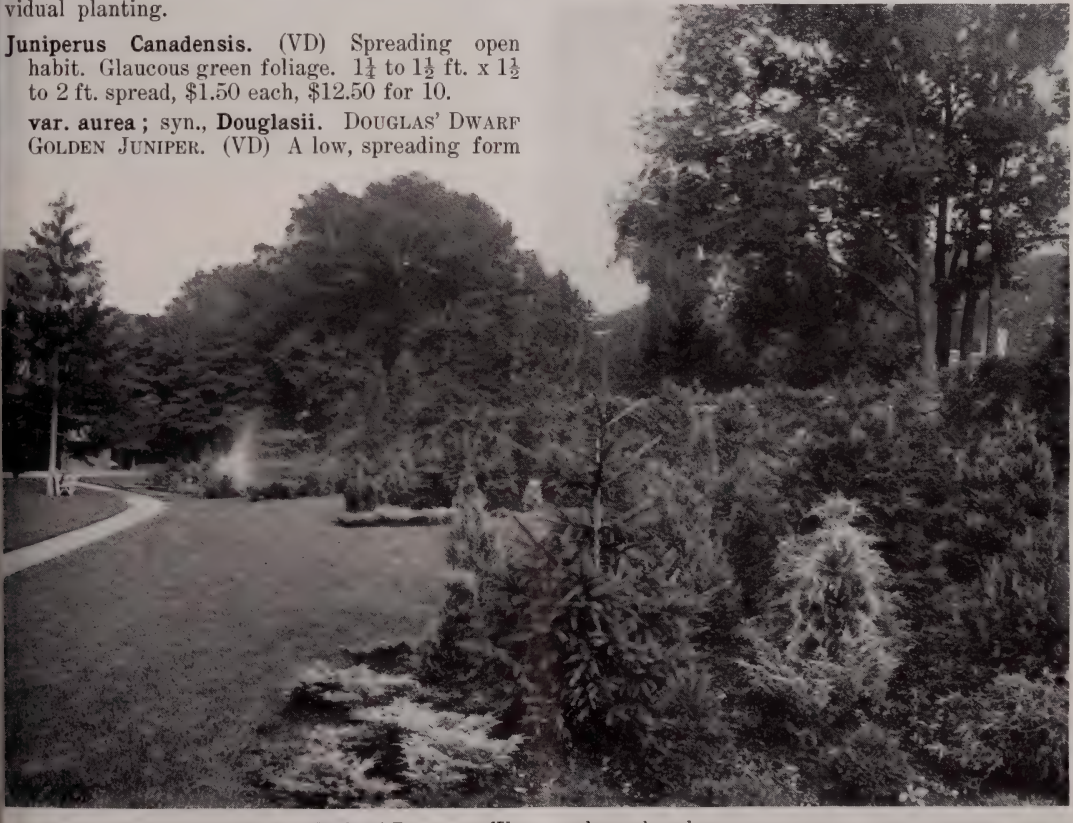
Cupressus Lawsoniana. LAWSON'S CYPRESS. (S) Drooping branches, soft dark green foliage. Splendid for southern use. 2½ to 3 ft., $1.50.

Juniperus · The Junipers and Cedars

A group remarkable for the varied form it embraces. Trees of medium heights down to the smallest dwarfs are included here, while different green, yellow and silvery hues characterize the foliage. Junipers possess remarkable vigor and thrive in bleak and barren situations; in poor, stony soils; in low, damp ground; at the seashore, or almost anywhere. The columnar forms are valued for formal effects, or to break the monotonous outline of other trees; the trailing one for rocky slopes and sandbanks. Also used in groups, borders and for individual planting.

Juniperus Canadensis. (VD) Spreading open habit. Glaucous green foliage. 1¼ to 1½ ft. x 1½ to 2 ft. spread, $1.50 each, $12.50 for 10.

var. aurea; syn., Douglasii. DOUGLAS' DWARF GOLDEN JUNIPER. (VD) A low, spreading form



Border of Evergreens. We can produce such results at once

Juniperus Canadensis aurea, continued with golden yellow foliage that turns a beautiful bronze in winter. It is very showy as an edging and beautiful in groups and rockeries, or wherever a hardy little golden evergreen is needed.

	Each	10	100
1 ft.	$0 75	$6 00	$45 00
1 to 1¼ ft. x 1½ to 2 ft.	1 00	8 50	70 00
1¼ to 1½ ft. x 2 to 2½ ft.	1 50	12 50	100 00

J. Chinensis, var. aurea. GOLDEN CHINESE JUNIPER. (D) Erect habit. Pronounced golden color all the year. 1 to 1½ ft., $1.25; 2½ to 3 ft., $2.50.

J. Cummunis. (D) Erect form, grayish green foliage. 2 to 3 ft., $1.25 each; $10 for 10.

var. Hibernica. IRISH JUNIPER. (S) A slender, columnar form, with glaucous green foliage. Very useful in formal plantings, for groupings with other evergreens and for small yards, rockeries and cemeteries.

	Each	10	100
1½ to 2 ft.	$0 50	$4 00	$35 00
2 to 2½ ft.	75	5 00	45 00
2½ to 3 ft.	1 00	8 00	70 00
3 to 3½ ft.	1 50	12 50	

var. pyramidalis. PYRAMIDAL JUNIPER. (S) Similar in habit to the above, but a taller and more rapid grower; less dense, lighter color, and valued more for formal work.

	Each	10	100
3 to 4 ft.	$1 00	$8 50	$70 00
4 to 5 ft.	1 50	12 50	100 00

var. Seucica. SWEDISH JUNIPER. (S) Very hardy; closely resembles *J. Hibernica,* but has a lighter and greener tint to its foliage. 1½ to 2 ft., 75 cts. each, $6 for 10, $50 per 100.

Juniperus Canadensis, var. *aurea;* in our nurseries. This, with the deep green Juniper sabina, are well suited for bedding, mass and natural plantings

Juniperus excelsa, var. stricta variegata. (S) A desirable variety of conical form, with grayis green foliage spotted with branchlets of cream white. 1½ to 2 ft., $1.25 each, $10 for 10.

J. Japonica. JAPANESE JUNIPER. (D) A half-erec half-prostrate form, with soft, glaucous ligh green foliage. 1½ to 2 ft., $1.50 each.

var. aurea. GOLDEN JAPANESE JUNIPER. (D 3 to 5 ft. specimens, $10 each.

J. prostrata, syn., **J. procumbens.** (D) A broad low form for bank, rock and natural plantings 1½ to 2 ft., $1.50 each.

J. Sabina. SAVIN JUNIPER. (VD) Another spreading form, with deep dark green foliage. Ver valuable for rockeries, grouping and borders making a pleasant contrast to other low-growing trees.

	Each	10	100
1¼ to 1½ ft.	$0 75	$6 00	$50 0
1½ to 2 ft.	1 50	12 50	100 0

var. tamariscifolia. (D) 3 to 3½ ft. specimens $10 each.

J. Virginiana. RED CEDAR. (M) This is a common tree, that grows wild along roadsides an on stony barren places. It is excellent for ornamental purposes; of medium size and pyramida habit that suit it for tall screens, lawn specimens and formal effects. The somber hue of it foliage and the freedom with which it grows i unfertile places are valuable qualities. 5 to ft., $3.50 each, $32.50 for 10.

var. elegantissima. (M) An odd golden form o the above. 2 to 2½ ft., $2; 3 to 3½ ft., $2.50.

var. glauca. BLUE VIRGINIA CEDAR. Similar t the above. Beautiful blue glaucou foliage. 2½ to 3 ft., $2; 3 to 4 ft. $2.50.

Picea · Spruces

Probably better known and mor largely planted than any other famil of evergreens. The Spruces are hardy rapid-growing; reliable in almost an location. They mature quickly and liv to a good old age. They make beautifu trees when planted individually, and i groups and collections they are just a effective.

Picea alba. WHITE SPRUCE. (L) Blu grayish needles, otherwise similar t the more familiar Norway Spruce o *Picea excelsa.*

	Each	10	100
1¼ to 1½ ft.	$0 40	$3 50	$25 0
1½ to 2 ft.	75	6 00	50 0
2 to 3 ft.	1 25	10 00	80 0
3 to 4 ft.	2 50	22 50	

var. aurea. GOLDEN SPRUCE. (S 2 to 3 ft., $1.50 to $3; 6 to 8 ft., $ to $10.

Our large Norway Spruce are this size. Prepared for moving, and for moderate cost will give at once the results it takes smaller trees years to produce

Picea Alcockiana. ALCOCK'S SPRUCE. (M) Slender branches and upright growth; needles dark green above, silvery blue beneath. 1½ to 2 ft., $1.50; 3 to 3½ ft., $3 to $3.50.

P. Englemanni. ENGLEMANN'S SPRUCE. (M) Similar to the familiar Blue Spruce. 6 to 8 ft. specimens, $12 to $25.

P. excelsa. NORWAY SPRUCE. (L) This familiar Spruce is more generally useful than any of the others. It is a rapid grower; does well in moist soils, and withstands the bleak, cold winds of winter. If left untrimmed, they spread out magnificently and make desirable specimens. They make splendid windbreaks and shelter belts. If planted as hedges and sheared, they become impenetrable and as good for this purpose as any evergreen. It is also the cheapest.

	Each	10	100
1¼ to 1½ ft.	$0 35	$2 50	$18 00
2½ to 3 ft.	1 00	7 50	60 00
3 to 4 ft.	1 25	10 00	75 00
4 to 5 ft.	2 00	17 50	150 00
5 to 6 ft.	3 50	30 00	250 00
6 to 7 ft.	5 00	45 00	
7 to 10 ft.	$5 to 10 00		
10 to 12 ft.	$7.50 to 12 00		
12 to 15 ft	$10 to 15 00		
15 to 18 ft.	$15 to 30 00		

Picea excelsa, var. compacta. (D) Dwarf compact form of the preceding. 2½ to 3 ft., $2.50.

var. conica. (D) Dwarf cone-shaped form. 3 to 3½ ft. very heavy, $3.50.

var. elata. (D) Grotesque form, with long, slender awkward branches. 3 to 5 ft., $3.

var. Gregoryana. GREGORY SPRUCE. Low contorted form, that is dense and compact. 1 to 1½ ft. x 1 to 1½ ft., $1.50.

var. inverta. INVERTED SPRUCE. (S) The lateral branches sprawl about in grotesque, contorted forms. Extremely odd, and the unacquainted stop to admire this tree, which to them is a freak of nature. Useful on lawns and does much to break the regular outline of other evergreens.

	Each	10
2 to 2½ ft.	$2 00	$17 50
4 to 5 ft.	4 00	35 00
5 to 6 ft.	$5 to 6 00	
6 to 7 ft.	$6 to 8 00	
7 to 8 ft.	$7.50 to 10 00	

var. pyramidalis. PYRAMIDAL SPRUCE. (M) Foliage similar to *P. excelsa.* The narrow, erect habit suits it for individual and formal planting.

	Each	10
2 to 2½ ft.	$1 50	$12 50
3 to 4 ft.	2 50	
5 to 6 ft.	4 00	

Picea excelsa, var. Remontii. REMONT'S SPRUCE. (VD) Dwarf compact variety, dark green foliage. 1¼ to 1½ ft., $1.50.

P. orientalis. EASTERN SPRUCE. (S) Short, dark rich green needles of finer appearance than those of the Norway Spruce, which it resembles. Its habit is symmetrical and compact, forming a shapely pyramidal tree. It is hardy and one of our best evergreens for groups and specimens.

	Each	10	100
1½ to 2 ft.	$1 50	$13 50	$125 00
2 to 2½ ft.	2 00	17 50	150 00
2½ to 3 ft.	2 50	22 50	200 00
3 to 3½ ft.	3 50	30 00	
3½ to 4 ft.	4 00	35 00	
6 to 7 ft., spec.	$10 to 15 00		

P. polita. TIGER TAIL SPRUCE. (S) Foliage light green, the numerous branches sprawl about in odd interesting ways. 1½ to 2 ft., $2 each, $17.50 for 10.

P. pungens. COLORADO SPRUCE. (M) The original form of this now famous Colorado Blue Spruce. The foliage of this tree is occasionally quite blue, but mostly a light green. It is a strong, hardy grower in almost any soil, and makes an ornamental tree of great beauty.

	Each	10	100
2 to 2½ ft.	$2 00	$17 50	$150 00
2½ to 3 ft.	2 50	22 50	200 00
3 to 4 ft.	3 50	30 00	
4 to 5 ft.	$4 to 6 00		
5 to 9 ft.	$8 to 35 00		

var. glauca. BLUE COLORADO SPRUCE. (M). The familiar Blue Spruce.

	Each	10
1½ to 2 ft.	$2 00	$17 50
3 to 5 ft., specimen	$10 to 12 00	
5 to 7 ft., specimen	$15 to 35 00	

var. Kosteriana. KOSTER'S BLUE SPRUCE. (M) An improved strain of Blue Spruce. A striking light blue in color that makes this one of the finest evergreens in cultivation for individual planting and for color effect nothing equals this.

	Each	10
1½ to 2 ft.	$2 00	$17 50
2½ to 3 ft.	5 00	
3 to 3½ ft.	8 00	
3½ to 4 ft.	$10 to 15 00	
6 to 8 ft.	$20 to 35 00	

Pinus · The Pines

The Pines endure a wide range of climatic conditions. They are natives of lowlands and mountainous regions, and withstand well the cold, bleak winds to which they are subjected. They are mostly of upright habit, growing rapidly and not particular as to soil. Pines are very ornamental and usefu on lawns and public grounds. They are so diverse in character that species may be selected for ever the smallest areas as well as for vast estates. In groups, shelter-belts, or as tall screens their value is highly appreciated. We frequently root-prune our Pines so that they develop fine fibrous roots, enabling us to dig and ship them with balls of earth with very little risk in transplanting.

Blue Spruce (*P. pungens*, var. *Kosteriana*) with an assortment of other evergreens, supplied by us

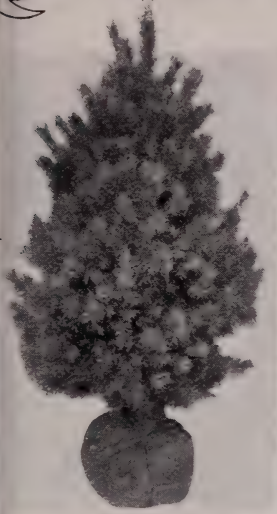
Pinus Austriaca. AUSTRIAN PINE. (L) A tall massive tree, with spreading branches heavily plumed with long stiff, dark green needles. A usefu species along the coast, and grows equally well inland. Popular for groupings or as specimens.

	Each	10	100
1½ to 2 ft.	$0 75	$5 00	$40 00
3½ to 4 ft.	3 00	27 50	250 00
4 to 4½ ft.	3 50	32 50	300 00
4½ to 5 ft.	5 00	45 00	

P. Cembra. SWISS STONE PINE. (S) A hardy, slow-growing tree of distinct conical habit. It branches symmetrically and makes fine specimens; also suitable for grouping. The needles are short and grayish blue.

	Each	10
2 to 2½ ft.	$2 00	$17 50
2½ to 3 ft.	3 00	

P. excelsa. BHOTAN PINE. (L) In general appearance resembles the White Pine. The long needles are light



Pinus sylvestris

Pinus excelsa, continued green and droop in graceful fringes from slender branches. It rapidly becomes a tall tree and is very attractive when given room to develop.

	Each	10	100
3 to 4 ft.	$1 50	$12 50	$100 00
4 to 5 ft.	2 50	20 00	
8 to 10 ft.	$6 to 8 00		
10 to 12 ft.	$8 to 12 00		
16 to 18 ft.	20 00		

P. Laricio. Corsican Pine. (M) Hardy rapid-grower with stout spreading branches. Appearance and habit similar to the better-known and popular Austrian Pine. 2 to 2½ ft., 75 cts. each, $6.50 for 10, $50 per 100.

P. Mughus. Mugho Pine. (D) This unique alpine species forms a dark, dome-shaped bush, broader than its height and sometimes almost prostrate. Suitable for lawn specimens or evergreen groups, terraces, rockeries and seaside plantings.

	Each	10
1½ to 2 ft. x 1½ to 2 ft.	$2 00	$17 50
2 to 2½ ft. x 2 to 3 ft.	3 50	30 00

P. parviflora. Japanese Pine. (M). 4 to 4½ ft., $4.

var. glauca. The needles are bluish green otherwise same as above. 4 to 4½ ft., $5.

P. Ponderosa. Bull Pine. (L) A large rapid-growing tree that resembles the Austrian Pine; but has longer whitish green needles and less symmetrical form. 2 to 3 ft., $1 ea., $7.50 for 10, $60 per 100.

P. resinosa. Red, or Norway Pine. (L) A very ornamental, hardy Pine, with olive-green needles. Makes a splendid tree and should be more generally used. 4 to 5 ft., $2.50 each, $22.50 for 10.

Pinus rigida. Pitch Pine. (M) A very rapid-grower and splendidly suited for poor soils, seaside planting and windy places. Needles stiff and dark green. 1½ to 2 ft., 40 cts. each, $3 for 10.

P. Strobus. White Pine. (L) A grand old favorite that grows quickly and makes a most useful and beautiful ornamental tree. It withstands hardships, endures sandy soils and barren places. For specimen group or mass planting it is extensively used as well as for shade and shelter-belts. The needles are soft and bluish green.

	Each	10	100
3 to 3½ ft.	$1 50	$13 50	$125 00
3½ to 4 ft.	2 00	17 50	160 00
4 to 5 ft.	3 00	27 50	250 00
5 to 6 ft.	3 50		

Pinus Mughus, a specimen that went out from Glenwood 8 years ago

Pinus Strobus, var. nana. (VD) Needles similar to *P. Strobus*. Habit very low and dwarf. 1 ft. x 1 to 1½ ft. spread, $2 each, $17.50 for 10.

P. sylvestris. SCOTCH PINE. (M) A strong-grower with spreading branches and short, stiff bluish green needles. Its rapid growth makes it suited for temporary effects, though it is by no means to be despised for permanent ones. Splendid for mass plantings, screens, shelter-belts and seashore use.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$18 00
3 to 4 ft.	1 50	12 50	100 00
4 to 5 ft.	2 50	20 00	175 00
5 to 6 ft.	3 50	30 00	250 00
6 to 7 ft.	4 00	25 00	300 00
7 to 8 ft.	5 00	45 00	400 00

P. Thunbergi. JAPANESE BLACK PINE. (M) 6 to 8 ft., $5.

Pseudotsuga

Pseudotsuga Douglasii. DOUGLAS SPRUCE. (L) Looks like the Spruce, but botanically different, The habit is regular and symmetrical, which makes it suited for almost any purpose. The needles are soft and dark green, though sometimes glaucous.

	Each	10	100
2 to 2½ ft.	$1 25	$11 00	$100 00
2½ to 3 ft.	1 50	13 50	125 00
5 to 6 ft.	4 00		

var. glauca. BLUE DOUGLAS SPRUCE. (M) The form and habit of this variety is the same as the above. Differing only in the glaucous blue coloring of its needles. 2½ to 3 ft., $3.50.

var. pendula. WEEPING DOUGLAS SPRUCE. (M) 5 to 6 ft., $5 to $7.50.

Retinospora

Sometimes called Japan Cypress, and known botanically as Chamæcyparis. This is usually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints, and because of the pleasing feathery effect of some varieties, affording a very desirable contrast in groups of evergreens. The species generally are of pyramidal habit, vigorous growers that thrive in most soils and seldom attain a greater height than 40 feet. Their coloring is constant and attractive at all seasons. They are useful in all ornamental plantings, and particularly well suited for color contrasts, grouping, formal effects, window-boxes and vases. Occasional shearings render them more compact and brighten their distinct refined and attractive colors. Individual specimens may be grown to splendid proportions, and are at all times distinctive and artistic ornaments to the lawn.

Retinospora filicoides. FERN-LIKE RETINOSPORA. (S) An open form, whose soft, green leaves are borne all along the branches. A pretty unique little evergreen that should be in all collections. 1 to 1½ ft., $1.50 each, $12.50 for 10.

R. filifera. THREAD-BRANCHED RETINOSPORA. (S) A broad, bushy tree with dark green foliage in pendulous thread-like strings. The appearance is distinct and attractive. A fine variety for individual or group planting. Is hardy and grows well almost anywhere.

	Each	10
2½ to 3 ft.	$2 50	$22 50
3½ to 4 ft.	4 00	37 50
4 to 4½ ft.	5 00	47 50

var. aurea. GOLDEN THREAD-BRANCHED RETINOSPORA. (D) 1½ to 2 ft. $3.

var. aurea pendula. (VD) A delicate low, broad form of bright golden color. ¾ to 1 ft. x 1 to 1¼ ft. spread, $1.50.

R. leptoclada. (S) Compact habit; green twisted foliage. Glaucous. Distinct. Attractive. 1½ ft., $1.50.

Note the almost perfect form of our Retinosporas. This specimen dug with a ball of earth and bagged ready to be boxed for shipment

R. obtusa. OBTUSE-LEAVED RETINOSPORA. (M) Of upright growth, splendid habit. The soft green foliage arranged in flat filaments is rich in appearance. The lower branches are retained. Suited for specimen planting or for grouping.

Retinospora obtusa, continued

	Each	10	100
2 to 2½ ft.	$1 50	$12 50	$100 00
2½ to 3 ft.	2 00	17 50	150 00
3 to 4 ft.	3 00	25 00	

var. erecta. 2½ to 3 ft., $3.

var. gracilis aurea. (S) The young green foliage is profusely marked with a bright golden yellow. 3 to 5 ft., $3 to $5.

var. nana. (D) A slow-growing dwarf variety that attains great age. It is popular in Japanese gardens, and attracts much attention here. The deep dark green leaves are arranged in flattened masses that rise above one another, making a dense, heavy foliage and giving it a beautiful individuality.

	Each	10
1 to 1¼ ft.	$1 25	$10 00
1¼ to 1½ ft.	1 75	15 00
1½ to 2 ft.	2 50	
2 to 2½ ft.	3 50	

var. nana aurea. (D) Similar in character to the preceding, with a clear golden colored foliage that is bright and fresh all the year. 1¼ to 1½ ft., $1.50; 1½ to 2 ft., $2; 2 to 3 ft. specimens, $3.50 to $5.

Retinospora pisifera. PEA-FRUITED RETINOSPORA. (M) The slender branches are open and graceful, the foliage light green above and silvery beneath. It is one of the best Retinosporas.

	Each	10
2 to 2½ ft.	$1 75	$15 00
2½ to 3 ft.	2 25	20 00

var. aurea. GOLDEN PEA-FRUITED RETINOSPORA. (S) A bright, golden evergreen with light airy foliage. It holds its color constantly, and is handsome for contrasts in groups or individually as a specimen.

	Each	10
3 to 4 ft.	$2 50	$22 50
4 to 5 ft.	4 50	40 00
5 to 6 ft.	5 00	45 00
7 to 8 ft., specimens	$10 to 12 00	

R. plumosa. PLUME-LIKE, or simply GREEN RETINOSPORA. (S) Of conical outline with light feathery green foliage. It stands shearing well, and if frequently pruned becomes compact and dense. It is useful in groups, beds, or for vases and window-boxes.

	Each	10	100
2 to 2½ ft	$1 00	$8 50	$70 00
2½ to 3 ft.	2 00	17 50	150 00
3 to 3½ ft.	3 00	25 00	
3½ to 4 ft.	4 00	35 00	

	Each	10
4 to 5 ft.	$5 00	$45 00
5 to 6 ft.	7 50	70 00
6 to 7 ft. x 4 to 5 ft. spread	$7.50 to 10 00	
7 to 8 ft. x 5 to 7 ft. spread	$10 to 15 00	
9 to 10 ft. x 5 to 7 ft. spread	$12 to 20 00	
12 to 15 ft. x 6 to 8 ft. spread	$20 to 30 00	

These Retinosporas are symmetrical cone-shaped plants, all of them splendidly furnished and as dense and compact as can be.

var. aurea. GOLDEN RETINOSPORA. (S) The most popular and generally useful of all the golden evergreens. In character it resembles the *R. plumosa.* Is especially ornamental, and the soft plume-like golden foliage is particularly bright in spring. It remains a deep yellow even through the winter. When pruned it becomes symmetrical and regular. It is low-branched and the golden yellow foliage brushes the green grass in beautiful contrasts. A vigorous grower, that is unsurpassed for color effect in grouping. It is well adapted for small lawns, and equally appropriate for large areas. For window-boxes, vases or for formal gardening its value is realized.

	Each	10	100
2 to 2½ ft.	$0 75	$6 50	$50 00
2½ to 3 ft.	1 00	8 50	75 00

The above are unsheared and well suited for hedges and collective plantings.

	Each	10	100
1½ to 2 ft.	$1 00	$8 50	$75 00
2 to 2½ ft.	1 50	12 50	100 00

Retinospora plumosa, var. aurea, continued

	Each	10	100
2½ to 3 ft.	$2 00	$17 50	$150 00
3 to 4 ft.	3 50	30 00	
4 to 5 ft.	5 00	45 00	
5 to 6 ft., specimens	$6 to 7 50		
6 to 7 ft., "	$10 to 12 50		
7 to 10 ft., "	$12.50 to 20 00		
10 to 12 ft., "	$20 to 35 00		

These are all specimen plants. Dense, compact and symmetrical. The large sizes will make splendid immediate effects.

var. flavescens variegata. WHITE-LEAVED RETINOSPORA. (D) Golden in appearance. The habit is dwarf and compact, and its ball-like form makes it a pretty little ornament in many places. We have some handsome specimens.

	Each	10	100
1¼ to 1½ ft.	$1 00	$8 00	$75 00
1½ to 2 ft.	1 50	12 50	100 00
3½ to 5 ft. x 4 to 6 ft. spread	$7.50 to 12 00		

R. squarrosa, var. Sieboldi. SIEBOLD'S RETINOSPORA. (S) Dwarf, compact evergreen, with bluish foliage, changing to a purplish hue in winter, a distinct coloring that is effective in collective plantings.

	Each	10
1 to 1½ ft.	$1 25	$10 00
1½ to 2 ft.	1 75	15 00

A specimen of Silver Retinospora (*R. squarrosa. Veitchii*) at Glenwood (see page 12)

American Arborvitæ (*Thuya occidentalis*) makes splendid hedges, screens or windbreaks. Note also the border of perennials

Retinospora squarrosa, var. Veitchii. SILVER RETINOSPORA. (S) Possesses the merit of *R. plumosa*, resembles it in character and is useful in the same way. The foliage is feathery, and of a rich silvery glaucous or steel-blue that contrasts finely with the dark green and golden tints of other varieties. One of the most showy and attractive of the class. We have a stock of magnificent trees. See illustration on page 11.

	Each	10	100
2½ to 3 ft., unsheared . . .	$0 75	$5 00	$40 00
1½ to 2 ft.	1 50	12 50	100 00
2 to 2½ ft.	2 00	17 50	150 00
2½ to 3 ft.	2 50	22 50	200 00
3 to 3½ ft.	3 00	27 50	250 00
3½ to 4 ft., very heavy spec.	3 50	32 50	300 00
4 to 4½ ft., very heavy spec.	4 50	40 00	350 00
4½ to 5 ft., very heavy spec.	5 00	45 00	

Retinospora squarrosa, var. Veitchii, continued

	Each
5 to 6 ft., very heavy specimens . .	$7.50 to $10 00
6 to 7 ft., very heavy specimens . . .	$10 to 12 00
10 to 12 ft., very heavy specimens . . .	$35 to 50 00

A few larger specimens will be priced on application.

Sciadopitys

Sciadopitys Verticillata. UMBRELLA PINE. (S) A quite hardy, odd, Japanese tree of pyramidal character. Grows slowly to large size. Each branch and shoot is terminated by a whorl of umbrella-like tufts of bright green, long, glossy needles.

	Each
2 to 2½ ft.	$4 00
2½ to 3 ft.	5 00
3 to 4 ft.	8 00
4 to 5 ft.	12 00

Taxus · Yews

The Yews are slow-growing, generally small trees that do well in most soils. They are highly ornamental and effective as specimens or in groups. Yews withstand clipping well, but they require the protection of sheltered positions in places north of Philadelphia.

Taxus baccata. English Yew. (S) A slow-growing, thickly branched tree, with small dark green leaves. 4 to 5 ft., $4.

var. aurea. Golden English Yew. 1 to 1½ ft., $2.

var. fastigiata. Irish Yew. (D) Splendid little cone-shaped tree, that is erect and slender. Rich dark glossy green foliage well suited for group and formal planting.

	Each	10
1 to 1½ ft.	$1 50	$12 50
1½ to 2 ft.	2 00	17 50
3 to 3½ ft.	3 50	

Taxus baccata, var. fastigiata aurea. Golden Irish Yew. (S) In character similar to the preceding with young foliage a brilliant golden yellow.

	Each
3 to 3½ ft.	$3 00
4 to 4½ ft.	5 00
4½ to 5 ft.	6 00

var. repandens. Spreading English Yew. (D) Glossy dark green foliage, with spreading habit that suits it for rock or natural plantings. 1 to 2 ft. spread, $2 each, $17.50 for 10.

Thuya · Arborvitæ

These highly ornamental trees, though many are of upright habit, do not grow to great heights, and are appropriate for small lawns as well as larger areas. They are generally hardy; grow vigorously in varied soils and are easily transplanted. Their clean, neat, compact appearance and the soft, fern-like foliage, in many cases so brightly colored, make them useful in grouping, bedding, bordering and formal gardening, for cemetery and lawn specimens, for hedges, screens, window-boxes, vases and house decorations.

Thuya gigantea; syn., **Lobbi.** Oregon Cedar. (S) On our western coast it is a mighty forest tree. In the East it succeeds best in sheltered locations. It is rare in ornamental plantings, but well suited for them, as it lends variety and interest.

	Each	10	100
2 to 3 ft.	$0 75	$5 00	$40 00
3 to 4 ft.	1 00	7 50	60 00
3 to 3½ ft. heavy	2 00		

T. occidentalis. American Arborvitæ, or White Cedar. (S) A splendid native that grows well anywhere and thrives over a wide range of climate. The habit is erect and pyramidal, the foliage soft and light green in color. The branches are dense and symmetrical from the ground up. This Arborvitæ should be included in groups and all evergreen plantings. For tubs and vases and for formal plantings there is nothing better. They are unapproached as tall hedges to form screens from objectionable objects, or for shelter-belts, or as a blind about clothes-yards, etc. They grow quickly, and if planted closely in hedges give the desired effects promptly. They may be kept at any height and made more dense and bushy by trimming, which they endure readily.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$15 00
1½ to 2 ft.	50	3 50	20 00
4 to 5 ft.	1 50	12 50	100 00
5 to 6 ft.	2 00	15 00	125 00
6 to 7 ft.	2 50	20 00	
7 to 8 ft.	3 00	25 00	

var. aurea. George Peabody's Arborvitæ. (S) A distinct golden yellow form that is beautiful as a specimen and highly valued, too, for contrast in foliage effects. Aside from its color, its habits and form are similar to the above.

	Each	10
1½ to 2 ft.	$1 25	$10 00
2 to 2½ ft.	1 50	12 50
2½ to 3 ft.	2 00	17 50
3 to 3½ ft.	2 50	22 50

var. Burrowii. (S) Distinguished by bright golden yellow foliage in spring, which afterwards turns green. 4 to 5½ ft., $3 to $4.50.

var. Columbia. Silver Tipped Arborvitæ. (S) 1 to 1½ ft., $1 each, $7.50 for 10; 1½ to 2 ft., $2.

A sample tree of our American Arborvitæ

A sample Hemlock (*Tsuga Canadensis*) showing the graceful habit and the splendid quality of our specimen trees. Our stock is unsurpassed in every respect

Thuya occidentalis, var. compacta. COMPACT ARBORVITÆ. (D) Dwarf, dense little evergreen, having light green foliage and neat, attractive habit. Popular for beds, borders, cemeteries, house decoration or small, low-growing hedges, giving a pleasing formal effect.

	Each	10	100
1¼ to 1½ ft.	$1 00	$8 00	$70 00
1½ to 2 ft.	1 25	10 00	85 00
2 to 2½ ft. heavy	2 00	17 50	150 00
2½ to 3 ft. heavy	2 50	22 50	

var. Douglasii. (S) Pyramidal habit; dark green attractive foliage. 2 to 3 ft., $2; 3 to 4 ft., $3.

var. Douglasii aurea. (S) Pyramidal habit. During spring and summer bright golden in color, thus adding distinction in a collection.

	Each	10
1½ to 2 ft.	$1.25	$10 00
2 to 3 ft.	$1 50 to 2 00	

var. Ellwangeriana; syn., **Tom Thumb.** (D) In many respects it is similar to a Retinispora and seems to be the connecting link between Arborvitæ and that family. It is pretty, hardy, with silvery foliage that closely resembles *T. ericoides* when young, but in winter it does not turn so dark. Its low growth and compact symmetry make it valuable for decorations in small areas and in the front of evergreen beds, or wherever a small evergreen is wanted.

Thuya occidentalis, var. Ellwangeriana, continued

	Each	10	100
1 to 1½ ft.	$0 75	$5 00	$40
1½ to 2 ft.	1 00	7 50	65
2 to 2½ ft.	1 50	12 50	100

var. ericoides. HEATH-LEAVED ARBORVITÆ. (I Appears very much like the preceding, exceptin in winter, when this variety changes to a bronz hue. Both kinds are desirable and should l freely used in all plantings of small-growin evergreens.

	Each	10	100
1¼ to 1½ ft.	$0 75	$5 00	$40
1½ to 2 ft.	1 00	7 50	60

var. globosa. GLOBE ARBORVITÆ. (VD) Ver dwarf and compact; grows naturally into rounded almost ball-like form, that makes useful in groupings, for specimens, vases, or fo formal plantings about garden walks, etc.

	Each	10	100
¾ to 1 ft.	$0 50	$4 50	$40
1 to 1¼ ft.	1 00	8 00	70
1¼ to 1½ ft.	1 50	12 50	100
1½ to 2 ft. x 2 to 2½ ft.	2 00	17 50	150

var. Hoveyi. HOVEY'S GOLDEN ARBORVIT (VD) Resembles *T. compacta*, and is useful i the same way; it differs principally in having more golden tint in its foliage.

	Each	10	100
1¼ to 1½ ft.	$1 00	$8 00	$70
2 to 2½ ft., heavy	1 50	13 50	125
2½ to 3 ft., heavy	2 50	22 50	

Thuya occidentalis, var. intermedia. (D) Rour like *T. globosa*, but not so dense and compac 1¼ to 1½ ft., $1.25; 1½ by 2½ ft., heavy, $3.

var. Little Gem. (VD) A tiny form, for rocl eries and fronts of evergreen beds. ½ to ¾ ft., $

var. pumila. Dwarf compact form. 2½ to 3 f x 2½ ft., specimens, $3.

var. pyramidalis. PYRAMIDAL ARBORVITÆ. (Similar to American Arborvitæ, but more dens in habit and finer in texture. It is of the sam columnar habit that adapts it to formal plan ing and suits it for lawn specimens and eve green groups.

	Each	10	100
2 to 3 ft.	$0 75	$5 00	$40
3 to 4 ft.	1 50	12 50	100
4 to 5 ft.	2 50	22 50	
5 to 6 ft.	3 00	25 00	

var. Reidii. (D) A broad evergreen similar most of the other Arborvitæs, though hard with us, it is well adapted for southern use. 1 to 1½ ft., 75c. each, $6 for 10; 4 to 5 ft., $3 e

var. Vervaeneana. VERVAENE'S ARBORVITÆ. (The same slender, erect habit and form as *T. o cidentalis*. Green and golden colors are pretti mingled in the foliage.

	Each	10
2 to 2½ ft.	$1 25	$10
2½ to 3 ft.	1 50	12
4 to 5 ft., heavy	3 50	
5 to 6 ft., heavy	4 50	
6 to 7 ft., heavy	7 50	

var. Wareana; syn., **Sibirica.** SIBERIAN A BORVITÆ. (S) Of lower growth than the othe

Thuya occidentalis, var. Wareana, continued

pyramidal forms. The branches are stouter and the dark, rich green foliage more dense. Hardy in coldest places and much in demand for general purposes.

	Each	10
1½ to 2 ft.	$1 25	$10 00
2 to 2½ ft.	1 75	15 00
5 to 7 ft., specimens	$6 to 10 00	

Thuyopsis

Thuyopsis Standishii; syn., **Thuya Japonica.** STANDISH'S SITKA CYPRESS. (M) A pyramidal tree of graceful drooping habit, with bright green foliage that looks very much like an Arborvitæ. Hardy and desirable. 3 to 4 ft., $3.50.

Tsuga · Hemlock

Tsuga Canadensis. HEMLOCK SPRUCE. (M) A magnificent native tree that grows rapidly in most any soil and is very hardy. If allowed sunlight it will hold its lower branches and remain symmetrically furnished from the ground up, in which condition it makes splendid lawn specimens with a certain elegance and beauty that its slender, graceful branches alone possess. It will withstand wind and exposure, and therefore is suited for shelter-belts and windbreaks as well as in all mass plantings of large evergreens. Hemlocks succeed well in almost any soil, but prefer most a good loam, that is moist rather than too dry. Hemlocks withstand shearing so well and become so dense and compact when subjected to that treatment that they may be used wherever a small tree is wanted, or in hedges. For this purpose no other evergreen is better adapted because it becomes impenetrable as well as neat and attractive, and may be kept low or allowed to grow into tall hedges or screens.

	Each	10	100
1¼ to 1½ ft.	$0 50	$3 50	$25 00
2 to 3 ft.	1 25	11 00	100 00
3 to 4 ft.	2 00	17 50	150 00
4 to 5 ft.	2 50	22 50	200 00
5 to 6 ft.	3 50	32 50	300 00

These Hemlocks are strong, heavy and vigorous. They were lightly sheared, and in regaining their natural form have become heavily furnished with branches and are bushy, handsome plants.

	Each	10	100
3 to 4 ft.	$2 50	$22 50	$200 00
4 to 5 ft.	3 50	32 50	300 00
5 to 6 ft.	5 00	45 00	

This stock has been sheared into broad, heavy trees of symmetrical form, splendidly suited for specimen planting.

var. Sargentii pendula. SARGENT'S WEEPING HEMLOCK SPRUCE. A flat-topped tree with graceful, weeping, spray-like branches. One of the choicest and most beautiful weeping evergreens. 1½ to 2½ ft., $5 to $7.50 each.

T. Caroliniana. SOUTHERN HEMLOCK. (L) 2 to 3 ft., $1.75 each.

Block of Retinospora (*Retinospora plumosa*, var. *aurea*,) page 11, at Glenwood. Every tree a splendid specimen

A spray of *Azalea amœna.* A splendid plant for beds, that grows well in shade or sunny places

Evergreen Shrubs

These "Broad-leaved Evergreens" are being used more and more each year because they are so desirable and effective in all landscape work. Their heavy leaf masses meet the demand for fresh green foliage to enliven and cheer the bare aspect of deciduous trees and shrubs in winter. But best of all is the magnificent display that most of them make when in bloom, especially the Rhododendron and Kalmias. Another desirable quality most of them have is such a fondness for shady places that they meet a large demand in beautifying these spots which are usually thought so difficult to adorn. As a rule they transplant easily, are quite hardy, give immediate results and are altogether very satisfactory things to use.

Andromeda

Andromeda Catesbæi. See *Leucothoë Catesbœi,* page 18.

A. floribunda; syn., **Pieris floribunda.** A splendid low-growing plant with myrtle-like foliage and spikes of tiny pure white flowers that resemble sprays of lily-of-the-valley; appear in early spring.

	Each	10		Each	10
1 to 1½ ft.	$1 50	$12 50	1½ to 2 ft.	$2 00	$17 50

A. Japonica. A beautiful low shrub with drooping racemes of small white, wax-like flowers in May and June. The shining deep green leaves are handsome. A desirable plant at the front of the groups of broad-leaved evergreens, or in shaded places.

	Each	10		Each	10
1 to 1¼ ft.	$1 00	$7 50	1¼ to 1½ ft.	$1 50	$12 50

Azalea amœna

A bushy, dwarf evergreen with small green leaves that deepen to a lustrous coppery hue in winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant, claret-colored flowers, that hold their beauty three or four weeks. Such beautiful little plants are ornaments anywhere, and are especially desirable for edging drives and walks, for dwarf hedges, groups or for bordering Rhododendron and Kalmia beds. The habit of this Azalea is so dense and compact that it makes splendid low flowering hedges, for which purpose we highly recommend it.

	Each	10	100		Each	10	100
10 to 12 in.	$0 75	$5 00	$45 00	1½ to 2 ft.	$2 00	$17 50	$150 00
12 to 15 in.	1 00	8 50	75 00	2 to 2½ ft.	2 50	22 50	
15 to 18 in.	1 50	12 50	100 00				

We have a grand stock of this Azalea. The plants are all heavy and bushy, with quantities of flower buds that will bloom this year, even if the plants are moved.

Buxus · Boxwood

The different species vary in height from low bushes to medium-sized trees. All are long-lived, of ense, compact growth, and have dark green, glossy leaves. They are used for grouping, edging walks, lanting against house foundations, for hedges, and in tubs r formal gardens, terraces and porches.

uxus sempervirens. COMMON TREE BOX. This variety is familiar in old-fashioned gardens, where it has slowly developed into a large, broad bush. The small, dark green leaves are always fresh and glossy. It is a strong grower in almost any soil and does well in shaded places. It withstands shearing and may be clipped into artificial forms. Our stock includes some specimens that have been clipped into conical or pyramidal shape, and are very effective in formal plantings and for tubs and vases

		Each	10	100
1 to 1¼ ft.	*Hedging plants*	$0 50	$3 50	$30 00
1¼ to 1½ ft.		75	6 00	50 00
1½ to 2 ft.	*These are all bushy specimens of natural form. We have a few larger.*	1 00	7 50	60 00
2 to 2½ ft.		2 00	15 00	
3 ft.		3 00	27 50	
3½ ft.		4 50	40 00	
3 ft.	*These are clipped into symmetrical pyramids.*	2 50	20 00	
3½ ft.		3 00	25 00	
4 ft.		3 50	30 00	
4½ ft.		4 00		
5 ft.		4 50		

var. arborescens. TALL TREE BOX. A larger growing tree than *Buxus sempervirens.* It is more open in habit and less formal in appearance.

	Each	10	100
1¼ to 1½ ft.	$0 50	$4 00	$35 00
1½ to 2 ft.	75	6 00	45 00

var. suffruticosa. DWARF BOX. The variety so extensively used for edging walks and now again so popular in all formal and old-fashioned gardens. It grows very slowly and reaches, after many years, a height no greater than 3 to 5 ft. In edging walks set the plants from 2 to 4 inches apart.

	10	100	1,000
4 to 6 in.	$0 75	$6 00	$50 00

Euonymus

Upright evergreen shrubs with handsome foliage, that re valuable for many purposes. They grow best in light r sandy soils, a fact that suits them splendidly for seahore plantings. In such locations they also make good edges. Unfortunately the Japanese varieties sometimes inter-kill in sections much north of Philadelphia, though, cut back to the ground, they frequently recover and ake stronger plants than before.

uonymus Japonica. JAPANESE EUONYMUS. An erect form with glossy green foliage and bright green bark. Makes a good specimen bush, for individual planting.

	Each	10	100
1½ to 2 ft.	$0 75	$5 00	$40 00
2 to 3 ft.	1 00	8 00	

var. argentea. SILVERY EUONYMUS. Leaves beautifully variegated with silvery white markings.

	Each	10
2 to 3 ft.	$1 00	$8 00

var. aurea. GOLDEN EUONYMUS. Leaves margined with golden yellow.

	Each	10
2 to 3 ft.	$1 00	$8 00

Pyramidal Box Bush (*Buxus sempervirens*). We have a grand stock of Boxwood this year for lawn, hedges or tub planting.

Ilex · The Hollies

The berried twigs are familiar decorations at Christmas time, but most people do not know what splendid ornaments the trees are in open or collective planting. Their foliage is always beautiful, the flowers small but interesting, and the scarlet fruits are ornamental. The flowers being unfertile in themselves, it is necessary to plant several trees near each other to be sure of berries.

Ilex aquifolium. ENGLISH HOLLY. Dark, glossy green, prickly leaves. Erect shapely habit, fond of sandy soils, though it grows well in other places.

	Each
3¼ to 4 ft.	$4 00

var. Hodginsii. Slightly broader leaves than the above. Otherwise similar.

	Each
3 to 4 ft.	$4 00

var. variegata. GOLDEN VARIEGATED-LEAVED HOLLY. 5 to 6 ft., $5 to $7.50.

I. crenata. JAPANESE HOLLY. Small, dark, attractive leaves. It withstands shearing and may be trained into any desired form. Makes dense, compact low hedges. Splendidly suited for seashore planting. Not dependably hardy north of New York city.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$65 00
2 to 2½ ft.	1 50	12 50	100 00
2½ to 3 ft.	2 00	15 00	135 00

var. macrophylla. Very similar to above. Leaves a little larger.

	Each
1¼ to 1½ ft.	$1 25

Flower and leaf of *Kalmia latifolia*, or Mountain Laurel. A grand plant for shady places or for associating with Rhododendrons

Ilex opaca. AMERICAN HOLLY. Thrives best on ligl sandy soil, though suited for most any lawn n too far north.

	Each	
2 to 3 ft.	$2 50	$2

Kalmias · Laurel

These flowering shrubs compare well in grandeu with the Rhododendrons. They are very hard grow almost as well in swamps as in drier loc tions, and prefer partly shaded situations, but als thrive in sunny places.

Kalmia angustifolia. SHEEP LAUREL. A dwar vigorous variety, with deep rose-colored flowe that open early.

	Ea
2 to 2½ ft.	$1

K. latifolia. MOUNTAIN LAUREL. Bushy shru with elongated oblong leaves which are alwa fresh and glossy, making possible charming fol age effects and cheery landscapes at all season In early spring they bloom profusely. The del cate pink buds, beautiful in themselves, open large corymbs of pink and white flowers. The bloom after the Rhododendrons and are usef for massing with them or for wooded effects.

	Each	10	100
1½ to 2 ft.	$1 25	$10 00	$85

2 to 5 ft., large heavy clumps, $2 to $3.50 each

We control large mountain areas of these desirab shrubs and are prepared to furnish the native plants car-loads. We select large, bushy clumps that are lift with a big ball of leaf-loam, which we carefully preser about the roots. These shipments arrive in good conditi and stand transplanting very well. Write to us for furth particulars and prices of these car-load shipments.

Leucothoe

Leucothoe Catesbæi; syn., **Andromed Catesbæi.** DROOPING ANDROMEDA. A val able small shrub for shady places and wi effects. The oblong leathery leaves chang to a beautiful bronze in autumn, and a so much admired that quantities of spray are collected from the native wood ar sold for Christmas decorations. In ear spring drooping panicles of small, fr grant, white, wax-like flowers cover it.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50

Magnolia

Magnolia grandiflora, A southern variet with deep, broad cups of fragrant whi flowers.

	Ea
3 to 4 ft.	$1

Mahonia

Mahonia aquifolia. HOLLY-LEAVED MAHONI A native plant with handsome prick foliage that is a deep glossy green spring and turns to a bright bronze col

ucca filamentosa, or Adam's Needle. A fine plant for flowering in June and July. Effective in shrubbery planting or in beds

Mahonia aquifolia, continued in winter. In May little yellow flowers hang along the branches. Very desirable plant for rockeries and shrubbery groups.

	Each	10	100
1 to 1½ ft.	$0 35	$3 00	$25 00
1½ to 2 ft., heavy	1 00	8 00	

M. Japonica. JAPANESE MAHONIA. A strong grower with stout, stiff branches. The leaves are larger than the above and do not change their color during the winter. In May the yellow flowers are quite showy.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50 00

Osmanthus

Osmanthus aquifolium. An attractive evergreen shrub with stiff, spiny toothed shining leaves. White fragrant flowers in autumn.

	Each	10	100
2½ to 3 ft.	$1 00	$7 50	$60 00
4 to 4½ ft., heavy	3 50		

Rhododendrons

Experience has proved that many Rhododendrons are hardy as far north as Boston. In early summer there are no flowers more gorgeous than these grand shrubs, that are then all aglow with their great masses of bloom. But not only at this season are they attractive, for the heavy shiny green leaves enliven the landscape even in winter. In front of evergreen shelter-belts their glossy foliage ppears to delightful advantage against the more somber hues of the conifers that protect them from he prevailing winds. In groups or masses the varied colors of the flowers blend harmoniously together, nd make a brilliant ornament wherever seen.

Rhododendrons do well in moist soils free from limestone, and to obtain success from them no such xpensive methods of preparing the ground are required as are sometimes advocated, though they willngly respond to such treatment. In summer a light mulch of cut grass, retains the moisture, and in vinter a heavier mulch of leaves protects the roots, and frequently a slight covering is required to helter the flower-buds and foliage. After each flowering season the dead bloom should be picked to revent seeding, and allow the energies of the plant to develop flower-buds for the next year.

The Rhododendrons stand without an equal among the flowering shrubs, and, to retain their upremacy, possess the crowning virtue of flowering in all their glory the same season as planted. They nay be moved successfully in spring or early fall.

All our Rhododendrons are shipped with balls of earth about their roots, which prevents them from rying out and insures successful growth. They are well budded and will flower this year.

PRICES AND VARIETIES OF HYBRID RHODODENDRONS ARE AS FOLLOWS:

ur Selection of Varieties	Each	10	100
1½ to 2 ft., well-budded	$1 50	$12 50	$100 00
2 to 2½ ft., well-budded	2 00	17 50	150 00
2½ to 3 ft., well-budded	2 50	22 50	
4 to 4½ ft., specimens	4 50	40 00	

Purchaser's Selection	Each	10	100
1½ to 2 ft., well-budded	$2 00	$17 50	$150 00
2 to 2½ ft., well-budded	2 50	22 50	200 00

In addition to the above sizes we have a quantity of other specimen plants 3 to 5 feet high at prices anging from $3 to $8 each. Write for fuller particulars about these.

(It is possible that early sales will soon reduce our assortment of varieties, and purchasers will do well o name a second choice, that no delay may occur in filling orders.)

A very satisfactory plant from the purchaser's view-point. They will grow in shady c sunny places. They look well individually or in masses, and harmonize with almost any land scape. But, best of all, they will flower luxuriantly the same year as planted. No waiting fo results with Rhododendrons. We have a large assortment and splendid stock,

HYBRID RHODODENDRONS, continued

†**Abraham Lincoln.** Rosy red. One of the best sorts.
‡†**Album elegans.** White.
†**Album grandiflorum.** White; large flowers
***Anna Parsons.** Violet-red.
†**Atrosanguineum.** Deep blood-red; fine.
****B. W. Elliott.** Deep rose.
†**Boule de Neige.** Pure white; low grower.
†**Caractacus.** Purple-crimson.
†**Chas. Bagley.** Cherry-red.
†**Chas. Dickens.** Deep scarlet.
†**C. S. Sargent.** Crimson.
†**Delicatissimum.** Blush-white.
†**Duchess of Bedford.** Crimson.
****Edward S. Rand.** Bright scarlet.
†**Everestianum.** Rosy lilac; strong, hardy grower.
†**Giganteum.** Red.
†**Gomer Waterer.** Best pink.
***H. H. Hunnewell.** Crimson.
†**H. W. Sargent.** Crimson.
***John Waterer.** Crimson.
†**Lady Armstrong** Pale rose.
†**Lady Claremont.** Rosy scarlet.
†**Marshall James Brook.** Crimson.
†**Michael Waterer.** Scarlet-crimson.
***Mrs. Milner.** Scarlet.
†**Minnie.** Blush-white, large chocolate spots.
***Old Port.** Wine-red.
†**Parson's grandiflora.** Wine-red
‡***President Lincoln.** Reddish purple.
‡†**Roseum elegans.** Rose; small hardy grower.
‡**Roseum grandiflorum.** Red.

* Denotes varieties that we have only 1½- to 2-feet plants of. ** Denotes varieties that we have only 2- to 2½ feet plants of. † Denotes varieties that we have only 1½- to 2-feet plants and 2- to 2½-feet plants of. ‡ Denote varieties we have 4- to 4½-feet plants of.

Rhododendron Catawbiense. A form of our southern native Rhododendron with beautiful, large rose purple flower-trusses. One of the hardiest kind.

	Each	10
1½ to 2 ft.	$1 50	$12 5

Rhododendron Catawbiense alba. A desirable white-flowered form of the above.

	Each	10
1½ to 2 ft.	$1 50	$12 50
2 to 2½ ft.	2 00	17 50

R. maximum. GREAT LAUREL. A native shrub that is beautiful among our mountainous regions in June and July, when its great white (sometimes rosy pink) flower masses appear in full bloom along the roadsides or on banks of streams. The landscape artist uses them in much the same way that nature does; for covering banks, for groups or masses in shady situations, as an undergrowth in wooded places or for planting beside drives and paths, nothing is more pleasing. The heavy, glossy green leaves make a magnificent setting for the large showy flowers.

	Each	10	100
2 to 3½ ft.	$2 00	$17 50	$150 00
3½ to 5 ft.	$2.50 to 3 00	22 50	175 00

We are in a position to supply *Rhododendron maximum* from 2 to 7 ft. in height in car-load lots. We dig these with large balls of leaf-loam that are carefully preserved about their roots. These arrive in good condition and withstand transplanting especially well. Upon request, further particulars and prices of car-load shipments will be cheerfully given.

DWARF RHODODENDRONS

These low-growing plants are splendid for use where a dwarf evergreen shrub is required, and well adapted for planting in the front of beds of larger Rhododendrons or with azaleas. Their flowers come in midsummer after other Rhododendrons have gone and when little else is in flower; on this account alone they ought to be more generally planted.

Prices on all the varieties $1.50 each or $12.50 for 10

ferrugineum. Pink or carmine flowers.

Hirsutum. Pale red. Does not dislike limestone soils.

Myrtifolium. MYRTLE-LEAVED RHODODENDRON. Purplish flowers.

punctatum. Pale rose and spotted.

Wilsonianum. Pinkish.

Yucca filamentosa · Adam's Needle

See illustration, page 19. In June or July it sends up heavy stalks laden with ivory-white flowers. Desirable alone or in shrubbery and herbaceous borders

	Each	10	100
3 yrs., transplanted	$0 25	$2 00	$15 00
Very heavy plants	50	3 50	25 00

What "Moon's Trees" did in a city backyard. Photographed six months after planting

As can be seen here, the Sugar Maple is hard to beat as an avenue tree for the city or suburbs

Deciduous Ornamental Trees

NOTHING can be planted which will grow so well and with so little attention and care as trees. The initial cost is small and paid for many times over by the beauty, pleasure and satisfaction which they bring. In the assortment that we have listed will be found the varieties best adapted for street and avenue planting; the kinds that will give the coolest shade for lawn and park use; species of rapid growth to produce quick effects; those with gorgeous and showy flowers and brilliant autumnal leaves; kinds with graceful, weeping habit; large and dwarf-growing sorts. Our collection includes trees adapted for all locations, climates and soils. All have been grown with care to make them straight, stocky, well headed and supplied with fibrous roots. They have been frequently transplanted and are prepared for moving. Where trees are wanted in large quantities we may be able to offer greater inducements on some varieties, so that we solicit correspondence from persons who contemplate purchasing in such numbers. That the unacquainted may have an idea of the height to which each tree may be expected to grow, we have marked the varieties as follows:

(L) designates trees growing to 60 feet or over at maturity. (M) from 30 to 60 feet. (S) 20 to 30 feet (D) 10 to 20 feet. (VD) less than 10 feet.

Acer · The Maples

Maples are planted, perhaps, more largely than any other tree. They are hardy and well adapted to almost every soil; are attractive, vigorous growers, and remarkably free from the attacks of injurious insects. Their shade is cool and dense, and for this they are indispensable in all lawn, park or avenue plantings. In autumn the brilliant coloring of their leaves is everywhere commented upon. The Silver Maple (*Acer dasycarpum*) and the Ash-leaved Maple (*Acer Negundo*) are the most rapid-growing, but for permanency the Sugar Maple (*Acer saccharinum*) and the Norway Maple (*Acer platanoides*) are usually preferred. The other varieties are more or less distinct and each useful in its place.

cer campestre. European Cork Maple. (S) Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry ground.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$30 00
4 to 5 ft.	60	5 00	40 00
5 to 6 ft.	75	6 50	
6 to 7 ft.	1 00	8 00	

. circinatum. Vine Maple. (D) A small tree or shrub with round leaves that turn a gorgeous orange and scarlet in autumn. Fruit rose-color.

	Each	10
2 to 3 ft.	$0 75	$6 00

. Colchicum, var. rubrum. Red Maple. (S) A rare, medium-sized tree that is bright red in May and again when the young growth appears in August.

	Each	10	100
7 to 8 ft.	$1 50	$13 50	$125 00
8 to 9 ft.	1 75	15 00	

. dasycarpum. Silver Maple. (L) This Maple may be seen along the streets of almost every town or village. It is a most reliable grower in all sections and matures so rapidly that it is sought for quick effects. The leaves are deeply cut and their silvery under surface is beautifully displayed.

	Each	10	100
6 to 7 ft., light	$0 50	$3 50	$25 00
12 to 14 ft., 1½ to 2 in. cal.	1 50	10 00	80 00
14 to 16 ft., 2 to 2½ in. cal.	2 00	15 00	

var. Wieri laciniatum. Wier's Cut-leaved Silver Maple. (M) The leaves are cut more deeply than those of its parent, the Silver Maple. It grows more rapidly and is distinguishable by its slender branches that droop gracefully. A desirable quick-growing lawn tree.

	Each	10
10 to 12 ft., 1¼ to 1¾ in. cal.	$1 50	$12 50
18 to 24 ft., 4 to 5 in. cal.	$7.50 to 10 00	

.. Monspessulanum. Montpelier Maple. (D) An interesting shrubby tree, with foliage that remains green for a long while. Thrives in poor, dry soils. $2 each.

.. Negundo. Ash-leaved Maple, or Box Elder. (L) A rapid-growing tree of irregular spreading form, whose leaves resemble those of the Ash. Improved by close pruning. It withstands cold and dryness.

	Each	10	100
6 to 8 ft.	$0 50	$3 50	$25 00
10 to 12 ft., 1½ to 2 in. cal.	1 25	10 00	
12 to 14 ft., 3½ to 5 in. cal., low, broad head	$5 to 10 00		
24 to 28 ft., 5 to 7 in. cal.	$12.50 to 15 00		

.. Pennsylvanicum ; syn., striatum. Moosewood. (S) Green bark, striped with white.

4 to 5 ft. . . . . 75 cts. each

.. platanoides. Norway Maple. (M) A handsome tree of large growth, forming a wide, rounded head of spreading branches and having broad, deep green leaves that cast a cooling shade. Strong, compact and vigorous. It is one of the best ornamental trees and is popular in all lawn, park, cemetery and street planting.

	Each	10	100
8 to 10 ft.	$1 25	$10 00	$90 00
10 to 12 ft., 1½ to 2 in. cal.	2 00	17 50	160 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	22 50	200 00
12 to 14 ft., 2½ to 3 in. cal.	3 00	27 50	250 00

Prices of larger trees upon application.

var. Geneva. Purple Maple. Holds its purple coloring all season. A new variety reported as being the best purple Maple.

	Each	10
5 to 6 ft.	$1 25	$10 00
6 to 8 ft.	1 50	12 50

var. pyramidalis nana. Small erect-growing form.

	Each
5 to 6 ft.	$2 00

var. Schwedleri. Purple Norway Maple. (M) The new leaves are red or purplish and later turn to green. In other respects the tree is similar to the Norway Maple.

	Each	10
4 to 5 ft.	$1 25	$10 00

A. Pseudo-platanus. Sycamore Maple. (L) A broad, handsome tree that grows quickly; has larger, darker leaves than the other Maples.

	Each	10	100
10 to 12 ft., 1¾ to 2¼ in. cal.	$1 50	$12 50	$100 00
12 to 14 ft., 2 to 2½ in. cal.	2 00	17 50	160 00
12 to 14 ft., 2½ to 3 in. cal.	3 00	27 50	

20 to 24 ft., 3 to 4 in. cal., $5 to $8 each.

The Sugar Maple as a lawn tree. We have many perfectly developed specimens but little smaller than this one

Acer Pseudo-platanus purpurea. The under surface of the leaves is purplish red, otherwise similar to the preceding.

	Each
8 to 10 ft.	$1 50
10 to 12 ft., 1½ to 2 in. cal.	1 75
12 to 14 ft., 2½ to 3 in. cal.	$2.50 to 4 00

A. rubrum. RED OR SCARLET MAPLE. (L) A native species with fine rounded head, beautiful red blossoms and fruits in spring. Gorgeous autumnal foliage. Thrives in low or damp places.

	Each	10	100
6 to 8 ft.	$1 25	$10 00	$80 00
8 to 10 ft., 1½ to 2 in. cal.	2 00	17 50	
10 to 12 ft., 2 to 2½ in. cal.	2 50		

A. saccharinum. SUGAR OR ROCK MAPLE. (L) Much used for shade in lawn or park plantings. It is pyramidal in form and thrives in almost any soil; with age it grows into a straight, symmetrical tree of grand proportions. This Maple has a brilliant autumn coloring, neat and attractive habit and is used in solitary or group planting. It makes a handsome avenue tree and is popular for that purpose. We have a splendid stock of young thrifty trees.

	Each	10	100
10 to 12 ft., 1¼ to 1¾ in cal.	$1 50	$12 50	$100 00
12 to 14 ft., 1¾ to 2 in. cal.	2 00	17 50	150 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	20 00	175 00
14 to 16 ft., 2½ to 3 in. cal.	3 00	25 00	225 00

A. spicatum. MOUNTAIN MAPLE. (D) Shrubby tree, valuable as an undergrowth.

	Each	10
3 to 4 ft.	$0 75	$6 00

A. Tartaricum Ginnala. SIBERIAN MAPLE. (D) A graceful shrub with handsome leaves that turn a beautiful red in early autumn. It is very useful for foliage effects and splendid for mass and bank plantings. Individually it makes a neat little tree. A strong grower and perfectly hardy.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$30 00
6 to 8 ft.	1 25	10 00	60 00

Japanese Maples

Beautiful little trees valued in all landscap work. Especially adapted for planting in front o evergreen borders, in groups for color effect, o individually in prominent places. They are reliably hardy in all but the coldest sections of th United States, transplant easily and mature quickly

Acer polymorphum. (D) This is the parent o most of the other varieties. It is the talles grower and as hardy as any. The small gree leaves are not cut so deeply as those of som kinds. It has bright green foliage in spring an summer, and in fall the leaves are often of different shades, some scarlet, some yellow, an some trees have both tints upon their foliage But whatever the color is, there is a gorgeou showing.

	Each	10
2 to 3 ft.	$1 00	$8 0
3 to 4 ft.	2 00	17 5
5 to 6 ft., bushy specimens	$5 to 8 00	
6 to 8 ft., bushy specimens	$6 to 10 00	

NAMED VARIETIES OF JAPANESE MAPLE

Aconitifolium. A green variety with large deepl cut leaves.

3½ to 5 ft., specimen . . . . $7.50 eac

Aureum. Especially pretty in early spring, wit golden yellow leaves. A desirable kind.

1½ to 2 ft. . . . . $2.50 eac

Atropurpureum. (D) A blood-leaved sort tha holds its dark coloring throughout the season.

	Each
2 to 2½ ft.	$2 5
2½ to 3 ft.	$3 to 4 0

Atrosanguineum crispum. A purple-leaved variety. 3 to 5 ft. specimens, $7.50 ea.

On the left, Japanese Maple (*Acer polymorphum*). We have many specimens. On the right, leaves of Japanese Maple—1, Atropurpureum disse tum ; 2, Atropurpureum ; 3, Aureum

The European White Birch (*Betula alba*) is a fine lawn tree, also suited for group or woods planting. Note the attractive white bark in winter.

Atropurpureum dissectum. Low-spreading habit, blood-red leaves, and foliage as deeply and as delicately cut as a fern.

	Each
1½ to 2 ft.	$2 00
3 to 3½ ft., top-grafted	3 50

Macranthum. Large green leaves.

4 to 5 ft. specimens . . . . $7.50 each

Sanguineum. Blood-red leaves.

3½ to 5 ft. . . . . $7.50 each

Æsculus · Horse-Chestnuts

Æsculus Hippocastanum. HORSE-CHESTNUT. (M) Ornamental trees for shade and avenues. In May quantities of beautiful spikes of white flowers appear from among the deep green foliage.

	Each	10	100
5 to 6 ft.	$1 00	$7 50	$65 00
6 to 8 ft.	1 50	12 50	
8 to 10 ft.	2 00	15 00	

var. alba flore plena. A form of the above with attractive double white flowers.

	Each	10
6 to 8 ft.	$1 50	$12 50

Æsculus octandra ; syn., A. flava. YELLOW BUCKEYE. (M) Flowers yellow. A strong and more rapid grower than either of the preceding.

	Each	10	100
5 to 6 ft.	$1 00	$8 00	$70 00
6 to 8 ft.	1 50	13 50	

Ailanthus

Ailanthus glandulosa. CHINESE SUMAC, TREE OF HEAVEN. (L) A lofty, rapid-growing shade tree, with feathery tropical-looking foliage. It withstands the smoke and gases of city streets.

	Each	10	100
10 to 12 ft., 1½ to 2 in. cal.	$1 25	$10 00	$75 00
12 to 14 ft., 2 to 2½ in. cal.	1 50	12 50	90 00

Alnus · Alders

Alnus cordata. (S) A round-headed tree with bright autumn foliage.

	Each	10	100
5 to 6 ft.	$0 75	$6 00	$50 00

A. glutinosa. EUROPEAN or COMMON ALDER. (M)

	Each	10	100
6 to 8 ft.	$0 75	$6 00	$50 00
10 to 12 ft., 1½ to 2 in. cal.	1 25	10 00	
12 to 14 ft., 2½ to 3 in. cal.	2 00	17 50	

Alnus incana. Speckled Alder. (L) A rapid-growing tree in moist or dry soils. Leaves oval or ovate, finely toothed, dark green above, pale beneath.

	Each	10	100
8 to 10 ft.	$0 75	$5 00	
14 to 16 ft., 1¾ to 2½ in. cal.	1 75	15 00	$125 00

var. laciniata. Cut-leaved Speckled Alder. (M) Leaves deeply cut, the lobes long and narrow.

	Each	10
8 to 10 ft.	$0 75	$6 00

Andromeda

Andromeda arborea; syn., Oxydendrum arborea. Sorrel Tree. (D) A very ornamental little tree with handsome foliage that turns a brilliant crimson in autumn. Panicles of small white flowers resembling those of a lily-of-the-valley are borne in July.

	Each	10	100
3 to 4 ft.	$1 50	$12 50	$100 00
4 to 5 ft.	2 00	17 50	
5 to 6 ft.	2 50		

Betula · The Birches

The Birches are distinguished for their elegant, graceful appearance, slender branches, light airy foliage, and for the silvery white bark of some of the species. They endure a wide range of climatic conditions and thrive not only in moist locations, but do well even in high, dry or stony places.

Betula alba. European White Birch. (M) A quick-growing tree that after a few years develops a beautiful white bark, that makes it attractive and prominent in any landscape. It is very hardy, grows anywhere and can be planted individually, though most attractive in clumps or colonies.

	Each	10	100
6 to 8 ft	$1 00	$7 50	$50 00
12 to 14 ft., 2¼ to 3 in. cal.	2 50	20 00	175 00
14 to 16 ft., 2¾ to 3½ in. cal.	3 50	30 00	

var. fastigiata. Pyramidal White Birch. (M) Of compact, pyramidal habit, with silvery white bark.

	Each	10
5 to 6 ft.	$1 00	$8 00
6 to 8 ft.	1 25	10 00

var. laciniata pendula. Weeping Cut-Leaved White Birch. (M) At an early age this tree acquires a very graceful drooping habit and silvery white bark. The foliage is deeply and delicately cut. This tree is deservedly popular in lawn plantings.

	Each	10
8 to 10 ft.	$1 50	$12 50
10 to 12 ft.	2 00	17 50

var. pendula Youngii. Young's Weeping Birch. (S) An odd, attractive tree with singularly contorted branches.

5 to 7 ft. . . . . $2.50 each

var. purpurea. Purple Birch. (M) Purple leaves and white bark.

4 to 5 ft. . . . . $1 each

B. lenta. Sweet, Black, or Cherry Birch. (M)

	Each
12 to 14 ft.	$2 00
14 to 16 ft.	3 00

Betula lutea. Yellow Birch. (L) A shapely, handsome lawn tree with bronze-colored bark. It is a strong, robust forest native, suited for landscape planting in almost all locations.

	Each	10	100
10 to 12 ft., 1¼ to 1¾ in., cal.	$1 25	$10 00	$80 00

B. nigra; syn., rubra. Red Birch. (L) The familiar Birch, with torn and ragged bark, that can often be seen along the banks of streams. It is a graceful, moisture-loving tree that should be in all lowland plantings.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$40 00
8 to 10 ft.	1 00	7 50	50 00
16 to 18 ft., 3 to 4 in. cal., branched to ground	4 50	40 00	

B. papyrifera. Paper, or Canoe Birch. (L) Very white bark and loose, graceful heads when older.

	Each	10	100
4 to 5 ft.	$0 35	$2 50	$20 00

var. populifolia. American White Birch. (S) Seldom in cultivation.

	Each	10
10 to 12 ft.	$1 50	$12 50

Carpinus · Hornbeam

Carpinus Americana; syn., Caroliniana. American Hornbeam. (S) A bushy tree or shrub, with leaves and bark resembling Beech.

	Each	10	100
4 to 6 ft.	$0 75	$6 00	$50 00
6 to 8 ft.	1 00	7 50	

C. Betula. European Hornbeam. A strong, compact grower, with stiff twiggy branches. Valuable for shady places and for hedges.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$35 00

The Catalpas

These are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves are large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesting. They do well in exposed situations and meager soils. Popular in commercial and ornamental plantings. The Catalpas grow rapidly, giving quick results. As an ornamental flowering tree for midsummer they are not easily surpassed.

Catalpa Bungei. CHINESE CATALPA. (D) A curious dwarf tree, with a globular head measuring 8 to 10 feet in diameter. It is effective for lawn and terrace decorations. Quite hardy, most distinct and desirable for lawn planting. We offer some magnificent large specimees.

	Each	10
3 to 4 ft., bush form	$1 50	$12 50
Tree form, small heads	1 25	10 00
Tree form, strong, 2-yr. heads	1 75	15 00
Tree form specimens, with heads 4½ to 6½ ft. in diameter, see illustration	$5 to 8 50	

C. hybrida. TEAS' JAPAN HYBRID. (L) Large rapid-growing hardy tree that is beautiful with abundant flowers in June or July.

	100	1,000
2-yr., trans., 2 to 4 ft.	$7 50	$50 00

12 ft., 2½ to 3 in. cal. . $2 ea.

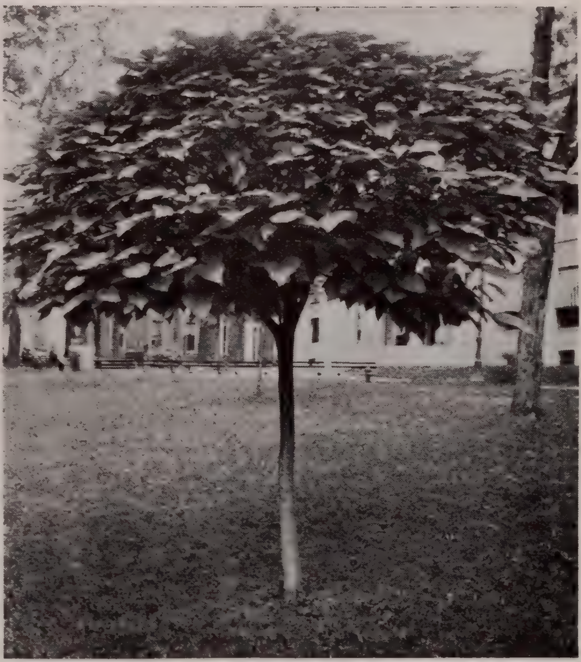
C. ovata; syn., **Kæmpferi.** JAPANESE CATALPA. (S) Very hardy, holds its leaves a long while. Fragrant white flowers in large panicles.

	100	1,000
2-yr., trans. 2 to 4 ft.	$7 50	$50 00

6 to 8 ft. . 75c.ea., $6 for 10

C. speciosa. WESTERN CATALPA. (M) Especially ornamental in June when laden with a profusion of white flower panicles. Its strong, quick-growing habit, ability to thrive in dry or moist soils, and its large handsome leaves, making it a tree of the first order for lawn and street plantings.

	Each	10	100
6 to 8 ft.	$0 75	$6 00	$50 00
8 to 10 ft.	1 00	7 50	
10 to 12 ft., 2 to 3 in. cal.	2 00	15 00	
12 to 14 ft., 3 to 4 in. cal.	3 00	25 00	



Catalpa Bungei. A sample of the size and quality of our $5 to $8 trees

Celtis

Celtis occidentalis. NETTLE TREE, or HACKBERRY. (L) A highly ornamental native tree that is similar to the elm. The leaves are ovate, smooth or nearly so.

	Each	10	100
5 to 6 ft.	$1 00	$7 50	$60 00

Cerasus · The Flowering Cherries and Ornamental Plum

At the beginning of summer these trees are buried under a wealth of bloom, which is strung all along the branches. They have a good dense foliage, so that the taller kinds make good shade trees.

Cerasus Americana; syn., **Prunus Americana.** WILD PLUM. (D) April and May. Profusion of white flowers; fruit yellow. Attractive autumn foliage.

	Each	10
5 to 6 ft.	$0 75	$6 00
6 to 8 ft.	1 00	8 00

C. Avium, var. rosea pendula. JAPANESE WEEPING CHERRY. (D) A compact, weeping tree, that makes a beautiful lawn specimen, and is so small that it can be used in very limited areas. The drooping branches almost meet the ground, and when in May they are hung with innumerable delicate pink flowers, there is nothing that surpasses it in beauty. At other seasons the foliage is good and the tree altogether sightly.

	Each	10
Strong heads	$2 50	$22 50

C. Chinensis, var. alba plena. DOUBLE WHITE CHINESE CHERRY. (M). Desirable in assorted plantings.

	Each	10
4 to 5 ft.	$1 00	$7 50

Cerasus Padus; syn., **Prunus Padus.** EUROPEAN BIRD CHERRY. (S) Drooping racemes of white flowers in spring; black fruits.

	Each	10
3 to 4 ft.	$0 75	$6 00

C. Pennsylvanica. COMMON WILD BIRD, or PIN CHERRY. (M) Suited to rocky, sandy and poor soils. White flowers and bright red fruits that attract birds.

	Each	10
6 to 8 ft.	$1 00	$7 50

C. Serotina. WILD BLACK CHERRY. (M) Its flower racemes are white and fragrant, its leaves glossy, and its fruits black. This is one of the most ornamental of our native trees and deserves more general appreciation.

	Each	10	100
6 to 8 ft.	$0 75	$6 00	$50 00
12 to 14 ft., 1½ to 2¼ in. cal.	1 75	15 00	

C. Sieboldii, var. alba plena. Semi-double white flowers.

	Each	10
3½ to 4 ft.	$1 00	$7 50

var. rubra plena. (D) Double white flowers, pink-tinted in clusters.

	Each	10
3½ to 4 ft.	$1 00	$7 50

Cladrastis

Cladrastis tinctoria; syn., **Virgilia lutea.** Yellow Wood. (S) A pretty little tree, with smooth, light bark and graceful branches, that bear drooping racemes of sweet-scented white wistaria-like flowers in June.

	Each	10	100
5 to 6 ft.	$1 00	$7 50	$60 00
6 to 8 ft.	1 25	10 00	
8 to 10 ft.	1 50	12 50	

Cornus · Dogwood

SEE, ALSO, SHRUBS

Cornus florida. White Dogwood. (D) Of inestimable value in landscaping. The white petaled flowers cover the tree in early spring. The deep crimson autumn leaves rival in brilliancy the scarlet oak. For planting in quantity with shrubs, for screens, or under and among larger trees, nothing is finer. A hardy tree and good grower in almost any soil.

Cornus florida, continued

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft., bush form	75	6 00	50 00
4 to 5 ft., bush or tree form	1 00	7 50	60 00
5 to 6 ft., tree form	1 25	10 00	75 00
6 to 7 ft., tree form	1 50	12 50	90 00
7 to 8 ft., tree form	1 75	15 00	

var. pendula (D) A weeping form of the preceding, with similar flowers.

	Each	10
3 to 4 ft.	$1 75	$15 00
4 to 5 ft.	2 00	17 50
4 to 6 ft., heavy specimens. $3.50 to	5 00	

var. rubra. Red-flowering Dogwood. (D) Possesses the many good qualities of *Cornus florida* and resembles it in all but the flowers, which are a beautiful shade of pink.

	Each	10
3 to 3½ ft.	$1 50	$12 50
4½ to 5 ft.	2 00	17 50

Fagus · The Beeches

These are among the most attractive, ornamental trees for lawn or park plantings. They are also useful for high screens or as specimens. Hardy, and rarely subjected to insect ravages. The deep dark red leaves of the purple variety, the delicately cut foliage of the Fern-leaved, and the grotesqueness of the Weeping Beech are characteristics meriting their more general use. The stout, contorted branches, laden with glossy foliage; a remarkably fine tree for specimen planting.

White Dogwood (*Cornus florida*). Planted by us on the grounds of the New Jersey State Hospital, at Trenton. For prices, see above

Fagus sylvatica. European Beech. (L) A compact, long-lived tree. The foliage is dense and darker green than the American Beech. The dead leaves hang all winter and make this one of the very best trees for screens and hedges to shut off unsightly objects. It is also appropriate for individual planting.

	Each	10	100
4 to 5 ft.	$1 25	$10 00	$90 00
5 to 6 ft.	2 00	17 50	150 00
6 to 7 ft.	3 00	25 00	
7 to 8 ft.	3 50	30 00	
8 to 10 ft.	4 00	37 50	
10 to 12 ft., $5 to $7.50 each			

var. heterophylla. Fern-like Beech. (S) Deep delicately cut foliage.

	Each	10
2½ to 3 ft.	$1 50	$12 50
3 to 4 ft.	2 00	17 50

var. pendula. Weeping Beech. Beautiful weeping habit.

	Each
3 to 4 ft.	$1 50
4 to 5 ft.	2 25

The American White Ash (*Fraxinus alba*) is a long-lived, cheap, quick-growing lawn or avenue tree. Our larger sizes, see prices below, will, in three or four years, produce the results shown here

Fagus sylvatica, var. purpurea. Purple, or Copper Beech. (L) A strong, vigorous tree with beautiful purple leaves in the spring that fade through the summer until they become almost green.

	Each	10
3 to 4 ft.	$1 25	$10 00
4 to 5 ft.	1 50	12 50
5 to 6 ft.	2 00	17 50

var. purpurea rosea margenta. Tri-colored Beech. (D).

3 to 4 ft. . . . . $2 each

var. Riversii. Rivers' Purple Beech. (L) This variety holds its purple color a little longer in the summer.

	Each
5 to 6 ft.	$2 50
6 to 7 ft.	3 00

var. Riversii pendula. Weeping Purple Beech. (S)

4 to 5 ft. . . . . $3 each

Fraxinus · Ash

Quick-growing inexpensive shade trees that naturally make handsome symmetrical specimens that are suitable for almost all landscape work, especially lawn and avenue planting. In the fall the foliage turns a brilliant yellow.

Fraxinus alba. American White Ash. (L) This grand old native is quick in growth, with massive trunk and broad, spreading limbs. It is valued for timber, shade or street planting. See illustration, that shows how well it is adapted to street planting.

	Each	10	100
8 to 10 ft., light	$0 50	$3 50	$25 00
12 to 14 ft., 1½ to 2 in. cal.	1 50	10 00	75 00
14 to 16 ft., 2 to 2½ in. cal.	1 75	12 50	100 00
14 to 16 ft., 2½ to 3 in. cal.	2 50	20 00	175 00

F. excelsior. European Ash. (M) Taller and more rounded than the American, with larger darker leaves, which remain on the tree late into the fall. It thrives in moist grounds.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$40 00
12 to 14 ft., 1¾ to 2½ in. cal.	1 50	10 00	75 00
14 to 16 ft., 2¼ to 2¾ in. cal.	1 75	12 50	100 00

var. aurea. Golden-leaved Ash. A novelty. Attractive on account of its golden color, or contrasts and variety.

6 to 8 ft. . . . . $1 50 each

var. pendula. Weeping Ash. (D) An odd tree with low head of long, horizontal and drooping branches. Makes a unique appearance when planted individually about the lawn.

	Each	10
8 to 10 ft., strong 3-yr. heads	$2 50	$20 00
10 to 12 ft., very heavy heads	5 00	

F. Ornus. European Flowering Ash. (S) A small ornamental tree that bears great masses

Fraxinus Ornus, continued of fringe-like flowers in June, filling the air with a sweet fragrance.

	Each	10
10 to 12 ft.	$1 50	$12 50

F. nigra; syn., **sambucifolia.** Black Ash. (L) Good foliage and broad open heads make this a desirable shade tree.

	Each	10	100
10 to 12 ft., 1¼ to 1¾ in. cal.	$1 50	$12 50	$90 00

Gleditschia

Gleditschia triacanthus. Honey Locust. (M) A hardy well-known tree with strong thorns. Its neat attractive habit suits it for lawn planting and its ability to withstand shearing enables it to be used for strong hedges.

	Each	10	100
5 to 6 ft.	$0 50	$3 50	$25 00
6 to 8 ft.	75	6 00	

var. inermis. Thornless Honey Locust. Otherwise it is similar to the above.

	Each	10	100
5 to 6 ft.	$0 50	$3 50	$25 00

Gymnocladus

Gymnocladus Canadensis. Kentucky Coffee Tree. (M) An odd tree of medium size, with narrow, pyramidal head. Its branches are blunt and twigless, and the feathery bluish green foliage gives it a tropical aspect. Has white flower panicles that are followed by large seed-pods. Is remarkably free from the ravages of insects. Withstands well adverse conditions; is ornamental and desirable.

	Each	10	100
8 to 10 ft.	$1 00	$7 50	$60 00
10 to 12 ft., 1½ to 2 in. cal.	1 50	12 50	100 00
12 to 14 ft., 2 to 2½ in. cal.	2 00	15 00	

Juglans · The Walnut

Some of these are quite ornamental, especially our familiar native the **Black Walnut.** It is hard to transplant, but a grand tree when established. The **Butternut,** or **White Walnut,** is also a good shade tree. For prices of these two walnuts, see Nut Trees, page 78.

Koelreuteria

Koelreuteria paniculata. Japanese Varnish Tree. (D) A small attractive tree with showy panicles of yellow flowers in July. Grows easily almost anywhere.

	Each	10	100
2½ to 3 ft.	$0 50	$4 00	
4 to 5 ft.	75	5 00	$40 00
5 to 6 ft.	1 00	7 50	

Almost before snow goes the Oriental types of Magnolia clothe themselves with a wealth of flowers as gorgeous as this. For description of varieties and prices, see page 31

Larix · Larch

Larix Europæa. European Larch. (M) A quick-growing tree with light green needle-like leaves in very early spring. In the fall they turn yellow.

	Each	10
2 to 3 ft.	$0 35	$3 00
12 to 14 ft., specimens	4 00	

L. leptolepsis. Japanese Larch. (M) Habit similar to the familiar one above. Hardy and desirable.

	Each	10
4 to 5 ft.	$0 75	$5 00
8 to 10 ft.	1 50	

Liquidambar

Liquidambar styraciflua. Sweet Gum. (M) A native tree of rapid growth. It is of medium height, has a narrow pyramidal head, is hardy and grows well in either dry or damp soil. The bark is corky, and the beautiful glossy green star-shaped leaves make a cooling shade in summer, but in autumn its foliage varies from bright red to the darkest crimson.

	Each	10	100
4 to 5 ft.	$0 75	$6 00	$50 00
5 to 6 ft.	1 00	8 00	
12 to 14 ft., 3 to 4 in. cal., low-branched	$4 to 5 00		

Liriodendron

Liriodendron tulipifera. TULIP TREE. (L) A grand native tree of rapid growth, that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green, glossy and dense. After attaining maturity the tree flowers freely in June, producing numerous creamy yellow fragrant tulip-like flowers.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$60 00
8 to 10 ft.	1 25	10 00	80 00
10 to 12 ft., 1½ to 2 in. cal.	1 50	12 50	

The Magnolias

Their lavish profusion of large and beautiful flowers, their fragrant, richness of foliage and stately, tropical aspect place the Magnolias easily first among flowering trees. Planted in groups, their spring inflorescence is grand beyond description ; as lawn specimens or against an evergreen foil, their large, glossy foliage and shapely outline make them beautiful anywhere. They thrive in any good soil, but like best one that is warm, rich and moderately moist. Plant in spring to insure best results.

AMERICAN MAGNOLIAS

Magnolia acuminata. CUCUMBER TREE. (M) A symmetrical lawn or avenue tree, with handsome foliage. Yellowish green flowers in June and scarlet cucumber-shaped seed-vessels later.

	Each	10
5 to 6 ft.	$1 00	$8 00
6 to 8 ft.	1 50	12 50

M. glauca. (S) The native "Sweet Bay" of our swamps, whose fragrant white flowers in June are much admired. Its glossy laurel-like leaves are almost evergreen.

	Each	10
2 to 3 ft.	$1 25	$10 00
3 to 4 ft.	2 00	

M. Thompsoniana. (S) Large leaves and fragrant white flowers.

3 to 4 ft. . . . . $1.50 each

ORIENTAL SPECIES AND THEIR HYBRIDS

These varieties retain their lower branches more than American sorts, thus assuming bush-like proportions. They flower earlier and more profusely.

Magnolia conspicua ; syn., **Yulan.** CHINESE WHITE MAGNOLIA. (D) A conspicuous and beautiful plant about the middle of April, when it is literally covered with white, slightly fragrant cup-like flowers. One of the best and showiest Magnolias.

	Each	10
1½ to 2 ft.	$1 00	$8 00
3½ to 4 ft.	1 50	12 50

M. hypoleuca. (L) A tall tree with leaves 8 to 14 inches long, silvery on their under surface. Cup-shaped fragrant flowers in May and June that are 6 to 7 inches across. Partially hardy in New England. Splendid for warmer climates.

	Each	10
5 to 6 ft.	$2 50	$22 50

M. Kobus. THURBER'S MAGNOLIA. (S) One of the hardiest kinds. It has an even symmetrical development, branching from the ground up, and splendid shining green leaves that are attractive all season. In May fragrant white flowers appear and last longer than those of *M. conspicua.*

Magnolia Kobus, continued

	Each	10
2 to 3 ft.	$1 25	$10 00
5 to 6 ft., very bushy	4 00	35 00
6 to 8 ft., very bushy	5 00	

M. Lennei. LENNE'S MAGNOLIA. (S) This remarkable tree blooms in May and frequently again in late summer. Its flowers are dark rose without and pearly white within. It is a strong grower, that makes a grand display when in flower.

	Each	10
3 to 4 ft.	$1 50	$12 50
4 to 5 ft.	3 00	
8 to 10 ft.	5 00	

M. Soulangeana. SOULANGE'S MAGNOLIA. (S) Among the hardiest and finest of the foreign varieties. The large purple and white flowers, borne a little later than those of the Conspicua, are attractive anywhere.

	Each	10
2½ to 3 ft.	$1 50	$12 50
4 to 5 ft.	2 50	20 00

var. Alexandrina. Blooms a few days earlier. Otherwise similar to the above.

4 to 5 ft. . . . . $3 each

M. Speciosa. (S) Flowers smaller and later than *M. Soulangeana*, otherwise the same.

	Each	10
3 to 3½ ft.	$1 50	$12 50
9 ft., specimens	7 50	

M. Stellata ; syn., **Halleana.** HALL'S JAPANESE MAGNOLIA. (VD) Dwarf and bushy. It blooms earlier than any other variety and its semi-double, white, star-like flowers are delicate and fragrant. Its many splendid qualities adapt it for specimen planting, when a small tree is required.

	Each	10
2 to 3 ft.	$1 50	$12 50
5 to 8 ft., bushy specimens $7.50 to 10 00		

Morus · Mulberries

Morus nigra, var. Tatarica. Russian Mulberry. (S) Bears large crops of small fruits. Grows in any soil, endures neglect and abuse.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$40 00

var. Tatarica pendula. Teas' Weeping Mulberry. (D) Requires but two or three years to develop into a handsome weeping tree that will ornament any lawn. The pendulous branches sweep the ground in shining lengths. One of the best weeping trees in cultivation.

	Each	10
2-yr. heads	$1 50	$12 50
Strong, 3-yr. heads	2 50	22 50
Specimens, with heavy heads $3.50 to	5 00	

Nyssa

Nyssa sylvatica; syn., **N. multiflora**. Sour Gum. (M) A native tree, especially liked for gorgeous scarlet coloring of its foliage in early autumn.

	Each	10
4 to 5 ft.	$1 00	$8 00

Paulownia

Paulownia imperialis. Empress Tree. (M) This is an odd-looking tree, with immense leaves that often measure 18 inches across, and in June bears long panicles of purplish flowers. If cut back to the ground each year, the roots send up rapid-growing branchless trunks that produce a unique and tropical effect.

	Each	10
Strong plants	$1 50	$12 50

Persica · Peach

Little trees that wrap themselves in rich clouds of fragrant bloom early in spring. They mature rapidly and resemble the fruit-bearing peach.

Persica vulgaris, var. alba plena. Double White-flowering Peach. (D).

	Each	10
2 to 3 ft.	$0 50	$4 00

var. foliis purpureis. Purple-leaved Peach. (D).

	Each	10
2 to 3 ft.	$0 50	$4 00
7 to 8 ft.	1 25	

var. rosea plena. Double Pink-flowering. (D).

2 to 2½ ft. . . . . 50 cts. each

var. sanguinea plena. Double Red-flowering. (D).

2 to 3 ft. . . . . 50 cts. each

Phellodendron

Phellodendron Amurense. Chinese Cork Tree. (M) A tropical-looking tree with long pinnate foliage, similar to that of an Ailanthus. It is hardy as far north as Massachusetts, grows rapidly when young, forms a low, round head. Withstands heat and drought. It is valued as a specimen and also makes a splendid avenue tree.

Phellodendron Amurense, continued

2-yr. transplanted,	Each	10	100	1,000
3 to 4 ft.			$7 50	$50 00
8 to 10 ft.	$0 75	$6 00	50 00	
12 to 14 ft., 2¼ to 3 in. cal.	2 50	20 00		
12 to 14 ft., heavy specimens.	$3 50 to 5 00			

Platanus · Plane or Buttonwood

The Platanus is among our tallest trees, grows rapidly into massive proportions, is hardy and remarkably free from disease. It is a great favorite for streets, parks or lawns, does well in most soils, withstands the smoky atmosphere of cities and thrives near the seashore.

Platanus occidentalis. Buttonwood. (L) Our grand native sort, which grows to majestic size and is so conspicuous in winter with its gray-white bark.

	Each	10
10 to 12 ft., 1¼ to 1¾ in. cal.	$1 50	$12 50

var. Suttneri. White variegations in leaves.

12 to 14 ft., 1¾ to 2 in. cal. . . . . $2 each

P. orientalis. Oriental Plane. (L) Similar to preceding but a cleaner tree and a better grower. It is popular in all landscape work, and especially suited for street trees in city and suburban localities.

	Each	10	100
6 to 7 ft.	$0 75	$7 00	$60 00
7 to 8 ft.	1 00	8 00	70 00
10 to 12 ft., 1¼ to 1½ in. cal.	1 50	12 50	
12 to 14 ft., 1½ to 2 in. cal.	1 75	15 00	
12 to 14 ft., 2 to 2½ in. cal.	3 00		
18 to 22 ft., 3½ to 4½ in cal.	$10 to $15 each		

var. foliis argentea variegata. Variegated-leaved Buttonwood or Plane.

10 to 12 ft, ... $2 each

var. laciniata. Cut-leaved Plane or Buttonwood.

6 to 8 ft. . . . . $2 each

Populus · The Poplars

These trees grow fast, are quickly effective and cheap. They thrive in almost any soil and withstand well the smoke and gases of city streets. Where quick shade or temporary effects are desired, poplars are much used.

Populus alba, var. nivea. White, or Silver Poplar. (L) A rapid-growing tree, with leaves that are silvery white on their under surface. This variety does not sucker.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$40 00

var. Bolleana. Boll's Poplar. (L) In habit resembles the Lombardy Poplar, but leaves are silvery white beneath.

	Each	10
6 to 8 ft.	$1 50	$7 50
10 to 12 ft.	1 75	15 00
14 to 16 ft., 2 to 2½ in. cal.	2 25	20 00

opulus monilifera; syn., **deltoides.** CAROLINA POPLAR. (M) Heart-shaped leaves are glossy and fresh looking. Withstands well conditions under which many trees die. Largely planted in cities, and for quick effect about new buildings. It is a sure and rapid grower.

	Each	10	100
8 to 10 ft.	$0 75	$5 00	$40 00
10 to 12 ft., 1¼ to 1¾ in. cal.	1 00	7 50	60 00
12 to 14 ft., 1½ to 2 in. cal. .	1 25	10 00	75 00
18 to 20 ft., 2½ to 3 in. cal. .	2 00	17 50	

. nigra, var. fastigiata. LOMBARDY POPLAR. (L) A tall, columnar form, that is in contrast to the more rounded outline of other trees. It branches from the ground, and is much used where a tall hedge is wanted as a screen. Especially valued for formal effects. One of the characteristic trees of Lombardy and other parts of Italy. Widely planted. See illustration.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$40 00
8 to 10 ft.	1 00	7 50	50 00
10 to 12 ft.	1 25	10 00	80 00

. trichocarpa. (M) A rapid growing new variety, with heavy glossy leaves that have a silvery under surface.

	Each	10	100
6 to 8 ft.	$0 50	$4 00	$35 00
12 to 14 ft., 2 to 2½ in. cal.	1 50	12 50	
14 to 16 ft., 2½ to 3 in. cal.	1 75	15 00	

Prunus

For trees sometimes described under this ead, see Cerasus. For the shrubby varieies of Prunus, see page 53.

Pterocarya

terocarya stenoptera; syn., **Sinensis.** (M) Rapid-growing tree with long compound leaves. It is rare and interesting.

	Each	10
4 to 5 ft.	$0 75	$6 00

yrus · Flowering Crab Apples

Hardy little flowering trees, that bloom bundantly in spring. Their double fragrant owers are always enthusiastically remarked pon.

yrus baccata. SIBERIAN FLOWERING CRAB.

	Each	10
4 to 5 ft.	$0 75	$6 00

. coronaria. SWEET-SCENTED CRAB. (S) May.

	Each	10
4 to 5 ft.	$0 75	$6 00

. Ioensis, var. Bechteli. BECHTEL'S DOUBLE-FLOWERING CRAB. (S) Bears masses of double rose-like flowers of delicate pink color and most delightful fragrance.

	Each	10
2 to 3 ft.	$0 50	$4 00
3 to 4 ft.	75	6 00

Pyrus Parkmani. PARKMAN'S DOUBLE-FLOWERING CRAB. (D) A beautiful little tree, to be planted singly or in clusters about the lawn. At the close of April it sends forth clusters of dark rose-colored buds that open into beautiful little rosy white flowers of exquisite fragrance.

	Each	10
4 to 5 ft.	$1 00	$7 50

P. spectabilis. CHINESE DOUBLE-FLOWERING CRAB. (S) One of the best, bearing in May fragrant white flowers that are coral-red when only in bud.

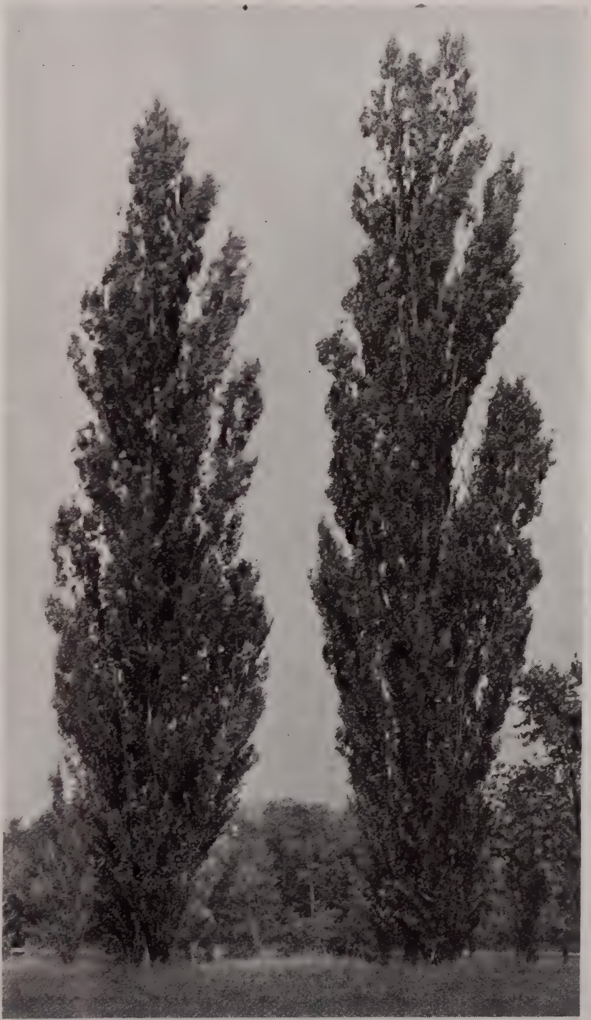
	Each	10
4 to 5 ft.	$1 00	$7 50

var. rosea. CHINESE DOUBLE PINK-FLOWERING CRAB. (S).

	Each	10
3½ to 4 ft.	$0 75	$6 00

P. Toringo. DWARF CRAB. (D) White or blush flowers in spring; small yellow fruit and bright foliage in autumn.

	Each	10
3 to 4 ft.	$0 75	$6 00



Lombardy Poplars (*Populus nigra* var. *fastigata*) relieve the monotonous outline of other trees. When planted closely they make splendid screens

Quercus · The Oaks

"Strength, Solidity, Durability are Symbolized in the Oaks"

These grand trees, possessing so many virtues, do not grow slowly, as it is often supposed. Their great vigor and hardihood enable them to withstand the drought of hillsides and the caustic influence of sea spray. Their broad, spreading heads make them desirable shade trees for lawns, parks, public grounds and avenues. The brilliant autumnal coloring of some species is everywhere commented upon. Our Oaks are frequently transplanted, and when thus cared for are not difficult to establish.

Quercus alba. WHITE OAK. (L) This well-known grand old forest tree is unsurpassed for ornamental purposes. We have a splendid stock.

	Each	10	100
6 to 8 ft.	$1 50	$13 50	$125 00
8 to 10 ft.	2 00	17 50	160 00
10 to 12 ft., 2¼ to 2¾ in. cal.	2 50	22 50	200 00
12 to 14 ft., 2¾ to 3½ in. cal.	3 50	32 50	300 00

Q. bicolor. SWAMP WHITE OAK. (L) Thrives well in either wet or dry situations. It is one of the best-growing and most desirable Oaks in cultivation.

	Each	10
6 to 8 ft.	$1 50	$12 50
8 to 10 ft.	**2 00**	**17 50**

Pin Oak (*Quercus palustris*), see above for prices and description

Quercus coccinea. SCARLET OAK. (L) Tall; valued for the sparkling red of its autumn foliage.

	Each	10
6 to 8 ft.	$1 50	$12 50
10 to 12 ft., 2 to 3 in. cal.	$2.50 to 3 50	

Q. macrocarpa. MOSSY CUP OAK. (L) Of massive open growth, with large heavy leaves and deeply corrugated bark. The cups of the large acorns are curiously fringed, as with gray moss. Among the noblest of all the species.

	Each	10
6 to 8 ft.	$1 50	$12 50
8 to 10 ft.	2 00	
12 to 14 ft., 2 to 3 in. cal.	$3.50 to 5 00	

Q. palustris. PIN OAK. (L) A tree of especial grace and beauty; it is the most popular of all Oaks; unsurpassed as lawn specimens, admired for avenues, and withstands well the unnatural conditions of our cities. As the tree grows the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the fall. We have a large stock of these desirable trees that have straight trunks, good heads, and have recently been transplanted.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$70 00
8 to 10 ft., 1¼ to 1¾ in. cal.	1 50	12 50	100 00
10 to 12 ft., 1¾ to 2¼ in. cal.	2 00	17 50	150 00
12 to 14 ft., 1¾ to 2½ in. cal.	2 50	20 00	175 00
14 to 18 ft., 2½ to 3 in cal.	3 50	32 50	300 00
14 to 18 ft., 3 to 4 in. cal.	5 00	45 00	400 00
Larger trees, $7.50 to 15 00			

Q. pedunculata, var. Concordia. GOLDEN OAK. (S) Beautiful golden yellow foliage.

4 to 5 ft. . . . . $2.50 each

var. fastigiata. PYRAMIDAL OAK. (A) A narrow columnar tree of dense, compact habit. Splendid for small areas and formal plantings. The dark green leaves remain green until long after frost.

6 to 7 ft. . . . . $2.50 each

Q. Phellos. WILLOW-LEAVED OAK. (L) A symmetrical, round-headed, fast-growing tree, of medium size, that is uncommon and ornamental. Prefer moist soils.

	Each	10
8 to 10 ft.	$2 00	$17 50
10 to 12 ft., 2 to 2¾ in. cal.	3 00	25 00

ercus Prinus. CHESTNUT OAK. (L) Of tall, igorous growth, with leaves shaped like a hestnut.

	Each	10	100
10 to 12 ft., 1½ to 2 in. cal.	$2 00	$17 50	
12 to 14 ft., 2¼ to 2¾ in. cal.	2 50	22 50	$200 00
14 to 16 ft., 2½ to 3 in. cal.	3 00	25 00	

Robur. ENGLISH OAK. (M) A spreading, longived tree, with leaves that are dark green and maller than those of our native species. Well dapted for lawns and public grounds.

	Each	10	100
5 to 6 ft.	$0 75	$6 00	$50 00
12 to 14 ft., 1¾ to 2¼ in. cal.	2 00	17 50	150 00
14 to 16 ft., 2 to 3 in. cal.	2 50	22 50	200 00
16 to 18 ft., 3 to 4 in. cal.	3 50	30 00	250 00

rubra. RED OAK. (L) A large native tree, with leeply cut bright green leaves. It is a good rower and not particular about the soil. In utumn the foliage turns a rich, purplish crimon, that is scarcely surpassed in brilliancy by ny other tree. This Oak is one of the fastest rowing varieties; it makes a splendid lawn or hade tree and possesses the characteristics reuired of an avenue tree.

	Each	10	100
7 to 8 ft.	$1 00	$9 00	$80 00
8 to 10 ft.	1 50	12 50	100 00

12 to 18 ft., 2 to 3½ in. cal., $2.50 to $5 each.

velutina; syn., **tinctoria.** BLACK OAK. (L) A ommon woods tree well suited for lawn and venue uses.

	Each	10
6 to 8 ft.	$1 25	$10 00

Robinia · Locust

Robinia Pseudacacia. BLACK LOCUST. (L) A familiar tree of rapid growth that thrives in any place. The pinnate foliage is light and airy. In June the tree is fragrant with panicles of white flowers, and very ornamental. Its growth is rapid. The timber is so durable that it is valued for commercial purposes.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
10 to 12 ft.	1 25	8 00	60 00

Salisburia

Salisburia adiantifolia. GINKGO, or MAIDENHAIR TREE. (M) Recently this tree has sprung into great popularity, and it merits the praise it receives. It is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair Fern. But its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds and useful for street planting. Of medium height, pyramidal in growth, sparsely branched and of characteristic irregular outline. A highly decorative tree of the first order.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.	$1 50	$12 50	$100 00
10 to 12 ft., 1½ to 2¼ in. cal.	2 00	17 50	150 00

Salix · The Willows

A large family which embraces varied forms, and includes some of our commonest and most orna- ntal trees. They are hardy throughout the temperate zone. Willows will grow almost anywhere and d not necessarily be planted beside streams and waterways, as is commonly supposed. They mature quickly that they are very satisfactory to plant for quick effects. The golden barked varieties are pecially interesting and attractive in winter when the leaves have left their brilliant branches.

lix alba; syn., **regalis.** (M) Upright habit, trong grower and very hardy; slender light gray branches, and narrow silvery gray leaves. The bush forms are well suited for quick-growing mass plantings or for wet soils. The tree forms are better for individual planting.

	Each	10
5 to 6 ft.	$0 75	$5 00
8 to 10 ft.	1 25	10 00

Babylonica. WEEPING WILLOW. (M) This is the well-known Weeping Willow, whose long, pendulous branches droop so gracefully and sway to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places. We have an unusually fine stock of this popular weeping tree, this year. The illustration on page 36 gives but a faint idea of its beanty.

	Each	10	100
5 to 6 ft.	$0 50	$4 00	$30 00
6 to 8 ft.	75	5 00	40 00
8 to 10 ft.	1 00	7 50	70 00
10 to 12 ft., 1½ to 2 in. cal.	1 50	12 50	100 00

Salix Babylonica, var. annularis. RING-LEAVED WILLOW. (M) It possesses the same weeping habit as the above. The leaves are darker green and curled exactly like a ram's horn. A desirable, attractive and interesting tree.

	Each	10
8 to 10 ft.	$1 00	$7 50

var. dolorosa. WISCONSIN WEEPING WILLOW. (L) A strong-growing form, very similar to the above, but considered hardy further north.

	Each	10	100
5 to 6 ft.	$0 50	$4 00	$35 00
6 to 8 ft.	75	5 00	

S. Caprea. GOAT or PUSSY WILLOW. (S) A quick-growing shrubby tree, which is pretty in the first warm days of spring with a multitude of small fur-like catkins along its branches.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	50	3 50	
6 to 8 ft.	75	5 00	40 00
8 to 10 ft.	1 00	8 00	

Salix Caprea, var. pendula. KILMARNOCK WILLOW. (D) A curious umbrella-shaped form with silvery gray leaves. Our stock has been grafted on stems 4 or 5 feet high and makes attractive little trees, covered in spring with soft fur-like catkins.

	Each	10
1-yr. heads	$1 00	$7 50

S. elegantissima. THURLOW'S WEEPING WILLOW. (L) Similar to *S. Babylonica*, equally strong grower but more hardy. In our nurseries we have found this Willow a wonderfully rapid and stalwart grower. As soon as its many merits are better known, we think this tree will be planted more than *S. Babylonica*.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$40 00
8 to 10 ft.	1 00	7 50	
10 to 12 ft., 1¼ to 1¾ in. cal.	1 25	10 00	75 00

S. incana; syn., **rosmarinifolia.** ROSEMARY WILLOW. (D) A handsome odd-looking tree or bush with rounded head, slender twigs and small silvery leaves.

	Each	10	100
1½ to 2 ft., bush form	$0 25	$2 00	$15 00
4 to 5 ft., bush form	50	4 00	35 00
Tree form top grafted	1 00	7 50	
6 to 8 ft., broad heavy heads	2 50		

Weeping Willow (*Salix Babylonica*, page 35), Thurlow's Weeping Willow (*Salix elegantissima*) is similar. See description above

Salix pentandra. BAY, or LAUREL-LEAVED WILLOW. (S) Has narrow, dark green glossy leaves, that shine conspicuously in the sunlight. A strong grower at the seashore, along water edges or high ground. It is much used, and the bush form that we offer makes desirable screens and the tree-shaped plants are valued as specimens.

	Each	10	100
3 to 4 ft., bush form	$0 25	$2 00	$15 00
4 to 5 ft., bush form	50	4 00	30 00
12 to 14 ft., 2½ to 3 in. cal., tree form	2 00	17 50	150 00

S. Russian. GOLDEN. (S) Strong, hardy grower with golden twigs tinted with red at the ends, similar to *S. Britzensis.*

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	50	3 50	25 00
8 to 10 ft.	1 00	7 50	50 00

S. vitellina, var. aurea. (M) Grows into a massive, low-headed tree. Light green leaves and brilliant golden yellow bark that is particularly bright in the leafless months of winter. It makes a fine specimen with a personality that other trees do not possess.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
5 to 6 ft.	50	4 00	30 00

var. aurea pendula. (M) The branches are more weeping than the above, otherwise similar.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$30 00
6 to 8 ft.	75	5 00	40 00
10 to 12 ft., 1½ to 2 in. cal.	1 00	7 50	60 00
12 to 14 ft., 1¾ to 2¼ in. cal.	1 50	12 50	100 00

var. glauca. (S) A tree we brought from Europe several years ago. It has slender branches and small narrow green leaves that are silvery beneath. The bark is slatish gray. A good tree or large bush for mass and natural plantings.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
4 to 5 ft.	40	3 50	30 00
5 to 6 ft.	50	4 00	35 00
8 to 10 ft., heavy, bushy	1 00	7 50	50 00

Sophora

Sophora Japonica. JAPAN PAGODA TREE. (S) Small shining green leaves. In August, when there are few other flowers, this is showy with clusters of creamy white bloom. The wood of young twigs is olive-green.

	Each	10
2 to 3 ft.	$0 50	$4 0
3 to 4 ft., bushy	1 00	8 50
4 to 5 ft., bushy	1 50	

var. pendula. WEEPING JAPAN PAGODA TREE. Aside from weeping habit, similar to above.

6 to 8 ft., good heads . . . . $3 each

Sassafras

Sassafras officinale. (S) Our familiar native that is so gorgeous in the fall with its brilliant coat of crimson and yellow.

	Each	10
5 to 6 ft.	$1 00	$8 00

Sorbus · Mountain Ash

Sorbus (Pyrus) aucuparia. EUROPEAN MOUNTAIN ASH. (M) A tree of neat habit with attractive compound leaves. Flat corymbs of white flowers in May, succeeded in July by showy clusters of orange-red berries that hold a long time.

	Each	10	100
6 to 8 ft.	$0 75	$5 00	$40 00

var. pendula. WEEPING MOUNTAIN ASH.

	Each	10
5 ft., good heads	$1 50	$12 50

var. quercifolia. OAK-LEAVED MOUNTAIN ASH. (M) Is similar in habit to the above and has leaves shaped like those of an oak tree.

	Each	10
5 to 6 ft.	$1 00	$7 50

Taxodium · Cypress

Taxodium distichum. DECIDUOUS, or BALD CYPRESS. (L) Grows rapidly and thrives well in damp or dry soils. Very beautiful when in full leaf, with its fleecy, light green, cheerful foliage. It is a remarkable tall, narrow-headed tree, of conical outline that is popular for ornamental specimens and formal planting.

	Each	10
3 to 4 ft.	$0 75	$6 00
4 to 5 ft.	1 00	8 00
6 to 8 ft.	1 50	

var. pendula. WEEPING CYPRESS.

3 to 4 ft. . . . . $1.50 each

Tilia · Linden, or Lime

Tilia Americana. AMERICAN LINDEN, or BASSWOOD. (L) A rapid-growing native that develops into a large, broad open-headed tree. The large, heart-shaped leaves cast a dense shade. It is hardy and grows in almost any soil. In spring it has small yellow flowers that fill the air with fragrance. One of the best shade trees for lawn planting. Also desirable for street and avenue. See illustration.

	Each	10	100
10 to 12 ft., 1½ to 2 in. cal.	$1 75	$15 00	$140 00
12 to 14 ft., 2 to 2½ in cal.	2 00	17 50	165 00
12 to 14 ft., 2½ to 3 in. cal.	2 50	22 50	200 00
12 to 14 ft., 3 to 3½ in. cal.	4 00	35 00	
18 to 24 ft., 4 to 5 in. cal.	7 50 to 10 00 each.		

Tilia argentea; syn., tomentosa. SILVER-LEAVED LINDEN. (L).

	Each	10
10 to 12 ft., 2 to 2½ in. cal.	$2 50	$20 00

var. pendula. WEEPING SILVER LINDEN.

6 to 8 ft. . . . . $2 each

T. platyphyllos. BROAD-LEAVED EUROPEAN LINDEN. (L) The head of this tree is not so open as that of the American species, leaves the same size, but rough. The small flowers open at least a week earlier in spring. In other respects it possesses characteristics similar to all Lindens.

	Each	10
10 to 12 ft., 1½ to 2 in. cal.	$1 75	$15 00
12 to 14 ft., 2 to 2¼ in. cal.	2 50	20 00
12 to 14 ft., 2½ to 3 in. cal.	3 00	27 50

var. laciniata. CUT-LEAVED LINDEN. (M).

5 to 7 ft. . . . . $1.50 to $2.50 each

T. vulgaris, var. rubra. EUROPEAN LINDEN. (L) Appearance of this variety is very similar to *T. platyphyllos*. The leaves are smaller and the bark of the branches is dark red and attractive in winter. Forms a dense, symmetrical shade tree.

	Each	10
8 to 10 ft.	$1 50	$12 50
10 to 12 ft., 2 to 2½ in cal.	2 50	22 50

Prices of a few larger trees upon application.

The American Linden (*Tilia Americana*) is popular for almost all purposes. Our 12- to 14-foot trees listed on this page will give at once the results shown here

Ulmus · The Elms

In landscape planting the Elm is generally useful. It is of massive proportions, long-lived and t branches spread into graceful arches that support a drooping fringe of twigs. The heads are so op that electric wires do not injure them, a desirable feature of all street trees. It is extensively used f wide lawns, parks or public grounds, over which they cast their cooling shade.

Ulmus Americana. AMERICAN ELM. (L) This familiar tree, which arches many New England streets, grows well in other sections. Its rapid growth and especial grace make it unsurpassed for urban and suburban planting.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$65 00
8 to 10 ft.	1 25	10 00	90 00
10 to 12 ft., 1½ to 2 in. cal.	1 75	15 00	140 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	22 50	200 00
12 to 14 ft., 2½ to 3 in. cal.	3 50	30 00	

U. campestris. ENGLISH ELM. Equally fine and imposing and is just as useful as our native variety. Holds its leaves a longer time than the American variety.

	Each	10
8 to 10 ft.	$1 75	$15 00
12 to 14 ft., 2 to 3 in. cal.	3 00	27 50
14 to 16 ft., 3 to 4 in. cal.	4 50	40 00

var. antarctica aurea. GOLDEN ENGLISH ELM. (S).
8 to 10 ft. . . . . $2 each

var. Suberosa. ENGLISH CORK BARK ELM. (M).
14 to 16 ft., 2½ to 3½ in. cal. . . . . $4 to $5 each.

Ulmus pedunculata. A hardy European sort.
8 to 10 ft. . . . . $1.25 ea

var. Wheatleyii. GUERNSEY, or CORNISH EL

	Each	1
12 to 14 ft., 2 to 2½ in. cal.	$3 50	$30

var. Dovaei. (M) Upright vigorous growth a well adapted for street planting.

	Each	1
6 to 8 ft.	$1 50	$12

var. Huntingdoni. HUNTINGDON ELM. (L) O of the best Elms for any purposes. Fine sha tree.

	Each	1
8 to 10 ft.	$1 25	$10
12 to 14 ft., 2 to 2½ in. cal.	2 50	20

var. pendula. CAMPERDOWN ELM. (D) branches grow horizontally into crooked, co torted shapes; covered with handsome. da green leaves. Splendid for specimen planting.

	Each	1
5 to 6 ft., with good heads	$1 75	$15
5 to 6 ft., with heavy heads	3 00	

var. purpurea. (M) PURPLE-LEAVED ELM.
6 to 8 ft. . . . . $1.50 ea

Who would know that this planting hides an objectionable object from view? We can produce similar results almost immediately at very little co

Just a bit of landscape made beautiful with "Moon's Trees and Shrubs"

Deciduous Shrubs

WHETHER planted individually or collectively, the shrub is an important feature in the adornment of any grounds. There are locations which suggest the planting of individual shrubs, which are allowed space for symmetrical development, and in such locations their grace and beauty cannot be surpassed. In groups they can be made to emphasize some feature of the lawn, to screen some unsightly object or to destroy the strong, stiff lines of foundation walls. At the edges of the lawn, along walks and drives, or in distant corners, a collection of shrubs may be gathered together that will give a succession of bloom from the opening of spring until frost comes to destroy the flowers. Shrubs with purple and yellow leaves should be added, to give character and contrast to the planting. When the leaves have gone, the brilliant fruits of other species and bright, conspicuous bark of certain shrubs add variety and interest to the monotony of winter.

The assortment we offer includes varieties suited to every purpose, and our strong, well-rooted plants produce immediate effects that are not possible with smaller and lighter sizes.

Special prices will be made on Shrubs in large quantities. Shrubs that usually grow over 12 feet are marked (L); from 8 to 12 feet (M); from 6 to 8 feet (S); 3 to 6 feet (D), and 3 feet and below (VD).

Æsculus

Æsculus parviflora; syn., **Pavia macrostachya.** DWARF HORSE-CHESTNUT. (L) July. A broad, large shrub of great beauty.

	Each	10
1½ to 2 ft.	$1 00	$8 00

Amygdalus · Almonds

Amygdalus communis, var. alba flore pleno. WHITE-FLOWERING ALMOND. (D).

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$35 00

var. rosea flore pleno. PINK-FLOWERING ALMOND. (S)

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$35 00

AMELANCHIER

Amelanchier botryapium. JUNEBERRY. (L) April. Suited for wild effects, also for partially shaded places and for shallow, rocky soils.

	Each	10
3 to 4 ft.	$0 50	$3 50

Andromeda

Andromeda Mariana. LILY-OF-THE-VALLEY SHRUB. (D) A neat little plant with bright green leaves, valuable in groups and at the front of shrubberies. In early spring it is fragrant with small, waxy white flowers.

	Each	10
1 to 1½ ft.	$0 50	$4 00

A Barberry Hedge (Berberis Thunbergii). One of the best general-purpose shrubs in commerce. See opposite page for description and prices

Aralia

Aralia Japonica. CHINESE ANGELICA TREE. (L) Straight thick branches armed with sharp thorns. Similar to *A. spinosa*, described below.

	Each	10
4 to 6 ft.	$0 50	$4 00

A. pentaphylla; syn., **Acanthopanax pentaphyllum.** (M) Splendid for rocky banks, slopes and mass plantings. Slender, prickly branches. Shining green leaves. Luxuriant, lustrous foliage until late autumn.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00

A. spinosa. HERCULES' CLUB. (L) A native with stout, thorny branches. Leaves 1 to 3 ft. long. Very ornamental but odd. Grows quickly in any soil. Enormous flat clusters of white flowers in August.

	Each	10	100
4 to 6 ft.	$0 50	$4 00	$35 00

AZALEAS

Among the most gorgeous and best flowering plants in cultivation. They are useful in all landscape work, and can be employed in bedding or massing, and particularly in connection with Rhododendrons and Kalmias, or wherever a natural effect is desired. The native kinds grow well in heavy moist soil; all are partial to shady places. After the flowering season is over remove the seed-pods to increase the next season's bloom.

Azalea amœna. The handsome little evergreen variety which is fully described and listed among "Evergreen Shrubs," on page 16. This variety is also very suitable to associate with Deciduous Shrubs in beds and borders.

Azalea arborescens. FRAGRANT WHITE AZALEA. (M) Flowers white tinged with rose and very fragrant. A good native variety.

	Each	10
1 to 1½ ft.	$0 75	$6 00

A. calendulacea. FLAME AZALEA. (S) May and June. Almost scentless but gorgeous with a multitude of large orange-yellow or fiery red flowers that last a long time.

	Each	10
1½ to 2 ft.	$0 75	$6 00

A. mollis. CHINESE AZALEA. (D) This little plant is literally covered with bloom in April or May. The flowers are rather larger than those of some other Azaleas. The bloom shows a multiplicity of colors in shades of red, yellow and white.

	Each	10	100
1½ to 2 ft., heavily budded	$1 00	$7 50	$60 00
2½ to 3 ft., tree form	2 00	17 50	

A. nudiflora. PINXTER FLOWER, or WOOD HONEYSUCKLE. (S) A native fond of moist places and beautiful in May with pinkish white flowers.

	Each	10
1½ to 2 ft.	$0 75	$6 00

A. Pontica. GHENT AZALEA. (D) April. This species is unequaled for brilliancy and variety of color. The habit is very similar to *A. mollis*; the flowers not quite so large or perfect; the colors possibly a little more delicate. An especially pretty sort to plant among beds of Rhododendrons and other Broad-leaved Evergreens.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$70 00

A. Vaseyi. SOUTHERN AZALEA. (S) Rosy white flowers. April.

	Each	10
1 to 1½ ft.	$0 75	$6 00

A. viscosa. WHITE AZALEA. (S) June and July. Fragrant white flowers, shaded with rose. Grows in moist or dry ground.

	Each	10
1 to 1½ ft.	$0 75	$6 00

BACCHARIS

Baccharis halimifolia. GROUNDSEL TREE, or SALT BUSH. (M) September. Desirable for autumn and winter effects because of the beautiful crop of cotton-like seed vessels that cover it when so little else is attractive. Grows rapidly anywhere, and is especially suited for seaside planting.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$20 00
5 to 6 ft., heavy	60	5 00	35 00
6 to 7 ft., heavy	75	6 00	40 00

Benzoin

Benzoin odoriferum; syn., **Lindera Benzoin.** SPICE BUSH. (M) March and April. As soon as frost goes the leafless branches are clothed with small yellow flowers, succeeded later by scarlet berries. Splendid shrubs for mass effects in natural plantings and well adapted for planting in wet or moist soils.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00
4 to 5 ft.	75	5 00	35 00

BERBERIS . THE BARBERRIES

A valuable group of small shrubs, admired for their foliage and brilliant fruits that cling along the leafless branches at a time when few other shrubs are attractive. They can be grown in dry and sandy soils, as well as in other places. The dense habit, slender thorny branches and ability to withstand clipping make the Barberries invaluable for low hedges and boundaries. They are much admired for the front of shrubberies, for groups and wherever small shrubs are desired. Plant in spring or fall.

Berberis hackadata. A remarkably vigorous growing sort with handsome dark green foliage. It is one of the best.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00

B. ilicifolia. HOLLY-LEAVED BARBERRY. (S) May. A splendid variety with almost evergreen foliage.

	Each	10	100
1½ to 2 ft.	$0 50	$4 00	$35 00
3 to 3½ ft., heavy	75	6 00	

B. Thunbergii. THUNBERG'S JAPANESE BARBERRY. (S) May. Invaluable little shrub that fits in with almost every planting. Will grow just about anywhere, and has handsome foliage of tiny bright green oval leaves, that turn the most brilliant shades of orange and red in the fall. The slender, graceful branches which are protected by small thorns, are lined with little scarlet berries of great attractiveness from early autumn well into the winter. Be sure to have some of these Barberries on your lawn.

	Each	10	100	1,000
1 to 1½ ft.	$0 25	$2 00	$15 00	$120 00
1½ to 2 ft.	30	2 50	18 00	150 00
2 to 2½ ft.	40	3 00	25 00	200 00
2½ to 3 ft.	50	4 00	30 00	
1½ to 2 ft. x 2 to 2½ ft., heavy	50	4 00	35 00	

B. vulgaris. COMMON BARBERRY. (S) May. An erect sturdy grower with light green prickly leaves. Clusters of golden yellow flowers; later dark red berries that last throughout the winter.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
1½ to 2 ft.	25	2 00	15 00

var. purpurea. PURPLE BARBERRY. (S) May. Habit similar to the above. The foliage is dark purple throughout the season and on this account is one of the very best shrubs for foliage contrast.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
1½ to 2 ft.	25	2 00	15 00
2 to 3 ft.	35	2 50	18 00

Callicarpa

Callicarpa Japonica. (D) August. Similar to the familiar *C. purpurea;* not dependable as far north, but a better grower. Equally ornamental.

	Each	10	100
2 to 3 ft.	$0 30	$2 50	$18 00

C. purpurea. (D) August. Slender branches gracefully laden with tiny pink flowers and later with a multitude of violet-colored berries. Valuable for late season effects and mass plantings.

	Each	10	100
2 to 3 ft.	$0 30	$2 50	$18 00
3 to 4 ft.	40	3 00	22 50

CALYCANTHUS

Calycanthus floridus. ALLSPICE, or SWEET SHRUB. (M) June. An old-fashioned shrub of strong, upright habit. Chocolate-colored flowers of delicious fragrance hide themselves among the broad lustrous foliage. Thrives in open or shaded places.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	3 50	

Caragana

Caragana arborescens. SIBERIAN PEA TREE. (L) May. Bright yellow pea-shaped flowers and graceful pinnate leaves.

	Each	10
3 to 4 ft.	$0 75	$5 00

Caryopteris

Caryopteris Mastacanthus. BLUE SPIREA. (D) September. Valued most for the lateness of its blue flowers.

	Each	10	100
1 to 1½ ft.	$0 15	$1 25	$10 00

Ceanothus

Ceanothus Americana. NEW JERSEY TEA. (S) June. Panicles of tiny white flowers, good foliage. Useful for massing in dry soil and shady places.

	Each	10
2 to 3 ft.	$0 50	$3 50

Cephalanthus

Cephalanthus occidentalis. BUTTON BUSH. (S) July to September. Ball-like clusters of white flowers. Bright glossy foliage. Hardy, strong grower. Splendid for groups and masses in moist soil and at water edges.

	Each	10	100
2 to 3 ft. . .	$0 35	$2 50	$20 00

CERCIDIPHYLLUM

Cercidiphyllum Japonica. (L) A shrub or small tree with handsome leathery foliage that is especially ornamental. Turns bright yellow and scarlet in fall.

	Each	10
4 to 5 ft.	$0 75	$5 00
8 to 9 ft.	1 00	8 00

Cercis · Judas, or Red Bud

Very early in spring the leafless branches and twigs of these small trees or shrubs are clothed in a thick mist of delicate deep pink flowers. Planted among other early-blooming trees they produce fine effects, or as single specimens are beautifully attractive. Their radiant flower masses are followed by glossy foliage.

Cercis Canadensis. AMERICAN RED BUD. (L) Small, rapid-growing, round-headed tree or bush.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$30 00
5 to 6 ft.	75	6 00	50 00
6 to 8 ft.	1 00	7 50	60 00
8 to 10 ft.	1 25	9 00	

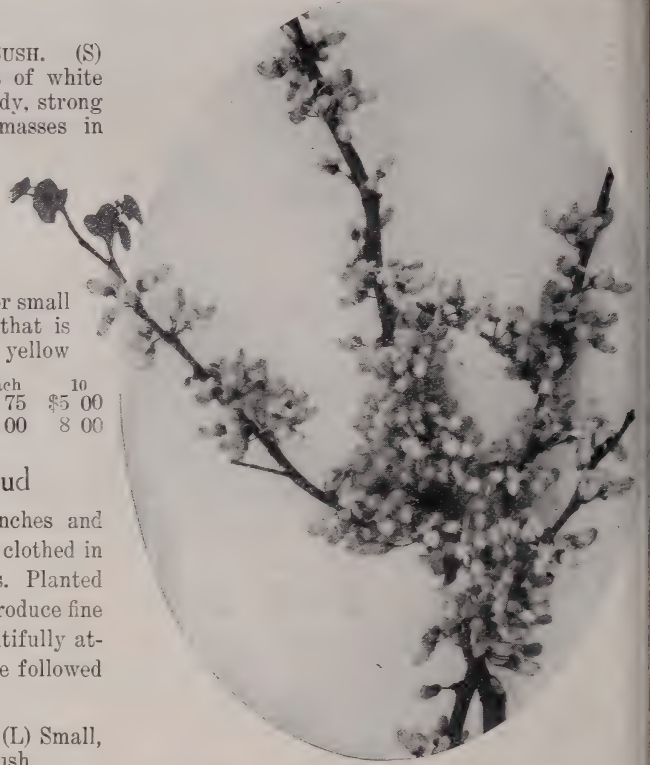
C. Japonica. JAPAN JUDAS. (S) More dwarf, larger and more brilliant flowers.

	Each	10	100
2 to 3 ft.	$0 50	$3 50	$30 00
3 to 4 ft.	75	5 00	45 00

Chionanthus

Chionanthus Virginica. WHITE FRINGE TREE. (L) May and June. A large shrub (frequently a small tree) that grows easily and is generally desirable. Has dark green leaves and fragrant drooping open clusters of white flowers, succeeded by small, bluish, plum-like fruits.

	Each	10
3 to 4 ft.	$0 75	$6 00



Cercis Canadensis, or American Judas. Deep pink flowers like these clothe the shrub in April. We have some splendid plants

CLETHRA

Clethra alnifolia. PEPPER BUSH. (S) July and September. A native woods plant with fragrant white flowers.

	Each	10
2 to 3 ft.	$0 50	$3 5

Colutea

Colutea arborescens. BLADDER SENNA. (L) June to September. A strong grower, with small foliage and yellow pea-shaped flowers. The curious bronze-colored seed-pods are inflated with air. The Colutea is not very particular about the soil it has to live in, but prefers a sunny location.

	Each	10	100
4 to 5 ft.	$0 50	$3 50	$25 00

CORNUS · THE DOGWOOD

Dogwoods are strong growers in almost any soil, and are hardy from the warmer parts of Canada southward. They thrive nearly as well in shaded places as in the open ground. While the bush forms are not remarkable for their flowers, they are especially valued for the brilliant coloring of the bark, which is very attractive in the leafless months of winter. Particularly suited for mass planting.

Cornus alba, var. Gouchaulti aurea. (M) Variegated foliage, red branches.

	Each	10
3 to 4 ft.	$0 75	$5 00

var. Sibirica. RED SIBERIAN DOGWOOD. (L) Bright red branches.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00

Cornus alternifolia. (L) Distinct habit, blue berries.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

C. florida. For description and prices, look among trees, page 28.

Cornus glabra. (M) White fruits, dark red bark.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	3 00	22 50

C. Mas; syn., **mascula.** Cornelian Cherry. (L) April. Yellow flowers, scarlet berries in autumn.

	Each	10
3 to 4 ft.	$0 50	$3 50

C. sanguinea. (M) May or June. Greenish white flowers, followed in the fall by small black berries. The purple or dark blood-red branches are beautiful in winter.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00
5 to 7 ft., heavy	1 00	7 50	50 00

C. sericea. Silky Cornel. (M) June and July. Dull red branches, leaves covered with silky down; fruit clusters light blue in late fall.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft.	50	3 50	30 00

C. stolonifera; syn., **alba.** Red Osier Dogwood. (M) May. Spreading habit, dark red bark and white berries.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

var. aurea. Golden-twigged Dogwood. (M) Conspicuous with bright yellow bark in winter; splendid for contrast effects.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$22 50

CORYLUS

Corylus Americana. American Filbert, or Hazelnut. (M) Useful in wild or natural plantings.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$30 00

C. Avellana. European Hazelnut, or Filbert. (L) Strong-growing habit, with dark rough leaves and edible fruits.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$30 00

Varieties of Corylus Avellana. These are just as ornamental as the parent form, the fruit larger and of better quality.

	Each	10
2 to 3 ft.	$0 50	$4 00
3 to 4 ft.	75	5 00

C. Maxima, var. purpurea. Purple Hazelnut. We have no hesitancy in recommending this grand shrub as the best purple-leaved one in cultivation. It is comparatively immune from the attack of insects and throughout the season, even until fall, its rich purple foliage retains the color.

	Each	10
2 to 3 ft.	$0 50	$4 00

Cotoneaster

Cotoneaster Simonsii. (D) June. Desirable for its small, handsome, half-evergreen foliage.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$30 00
4 to 5 ft.	60	5 00	40 00

Cratægus · Thorn

The thorns are strong, hardy growers in almost any soil or climate. They are particularly bright and attractive when the autumn foliage changes to brilliant colors. They flower abundantly in May and June, and are fragrant and showy. Some varieties have very ornamental fruits which make pleasing fall and winter decorations. Most kinds are capable of being sheared and may be trained into thick, dense hedges, which their thorns make almost impenetrable.

Cratægus coccinea. Scarlet Thorn. (L) A useful, hardy native with white flowers in April or May, succeeded later by scarlet fruits.

	Each	10	100
4 to 5 ft.	$0 75	$5 00	$35 00
5 to 6 ft.	1 00	6 00	50 00
6 to 8 ft.	1 25	9 00	

C. Crus-Galli. Cockspur Thorn. (M) Neat in appearance, strong growth; very hardy, and used for hedging and grouping. The thorny branches grow out horizontally. The leaves color brilliantly in autumn. Bright scarlet or orange-colored fruits.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00

C. Oxyacantha. English Hawthorn. (M) Well known in all English gardens, and popular here. Bears clusters of single white, fragrant flowers in May and later scarlet fruit.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$22 50
5 to 6 ft.	75	5 00	

var. alba flore pleno. Double White Hawthorn. (D).

	Each	10
3 to 4 ft.	$0 50	$3 50
5 to 6 ft.	75	5 00

var. coccinea flore pleno. Paul's Double Scarlet Thorn. (M) Covered in May with beautiful fragrant crimson flowers. Good foliage and generally desirable

	Each	10
4 to 5 ft.	$0 75	$5 00

Foliage and berries of the Dogwood

CYDONIA

Cydonia Japonica; syn., **Pyrus Japonica.** JAPAN QUINCE. (M) March and April.

	Each	10
2 to 3 ft.	$0 50	$3 50

CYTISUS

Cytisus Laburnum. GOLDEN CHAIN. (L) Bright in early summer, with graceful racemes of golden wistaria-like flowers.

	Each	10
5 to 6 ft.	$0 75	$5 00
6 to 8 ft.	1 00	7 50

DAPHNE

Daphne Mesereum, var. alba. (D) March. Fragrant white flowers.

	Each	10
1 to 1½ ft.	$0 50	$3 50

var. rubra. (D) Red flowers, otherwise as above.

	Each	10
1 to 1½ ft.	$0 50	$3 50

DEUTZIAS

A family of profuse-flowering shrubs, generally hardy and well adapted to most soils. Useful for shrubberies, groups or specimens, and the smaller kinds are also desirable for forcing.

Deutzia crenata, var. candidissima. DOUBLE WHITE DEUTZIA. (M) June. A vigorous grower with double white flowers borne in panicles.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
4 to 5 ft.	50	3 50	30 00
5 to 6 ft., heavy	75	6 00	40 00
6 to 7 ft., heavy	1 00	7 50	50 00

var. rosea plena. DOUBLE PINK DEUTZIA. (M) June. The flowers are tinged with soft pink. Exceedingly dainty and beautiful.

	Each	10	100
2 to 3 ft.	$0.25	$2 00	$15 00

var. Pride of Rochester. (M) Last of May. Equally as robust as the above, with larger panicles of bloom. Double white flowers with under side of petals rose.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
4 to 5 ft., heavy	50	4 00	35 00

var. Watereri. (L) Single, pink, bell-shaped flowers.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
5 to 6 ft., heavy	75	5 00	40 00

var. Wellsi. (M) June. Double white flowers, tinged with pink.

	Each	10	100
5 to 6 ft., heavy	$0 75	$5 00	$40 00

D. gracilis. DWARF DEUTZIA. (D) May. An old-fashioned dense shrub, blooms in shaded as well as sunny places. Single, pure white flowers.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$18 00

Deutzia gracilis, var. rosea. (D) May. Single, pink flowers.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
2 to 2½ ft.	50	3 50	

var. venusta. (D) May. Long spikes of single pure white flowers that closely resemble those of an azalea.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

D. Lemoinei. LEMOINE'S DEUTZIA. (D) May. A popular bush with snow-white flowers borne abundantly along the slender branches.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

var. compacta. (D) May. Similar to the above, but of a more compact habit.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

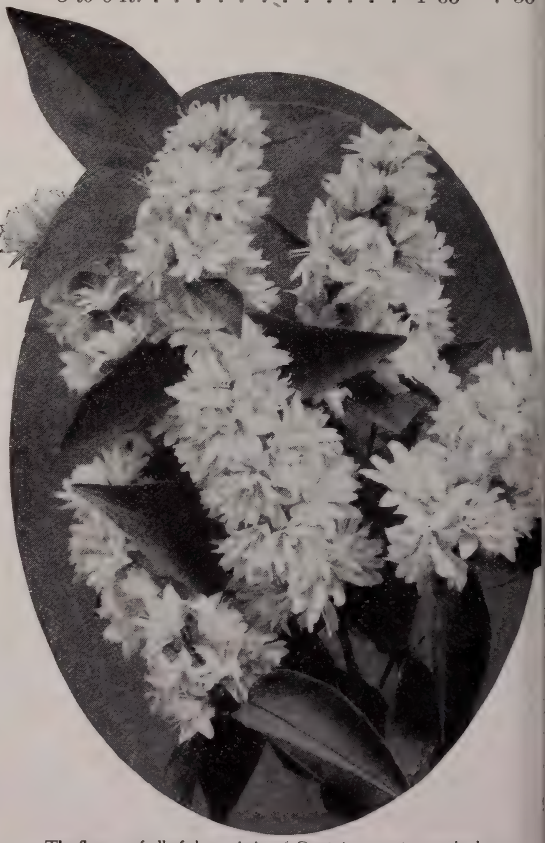
D. scabra. ROUGH-LEAVED DEUTZIA. (S) June. Clusters of single, white bell-shaped flowers.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00

Dirca

Dirca palustris. LEATHERWOOD. (S) March. Yellow flowers. Good for moist places.

	Each	10
4 to 5 ft.	$0 75	$5 00
5 to 6 ft.	1 00	7 50



The flowers of all of the varieties of *Deutzia crenata* are similar to these; the principal difference being in the color of them. Deutzias are one of the best flowering shrubs

DIERVILLA · THE WEIGELAS

An important group, indispensable for ornamental plantings. They thrive in any soil, are strong growers and generally hardy. When young of upright habit, growing with age into more graceful shrubs. Useful as specimens, and desirable for groups or masses. In May or June the the Weigelas are aglow with a wealth of flowers, borne all along their branches, and some varieties flower sparingly through the summer.

Diervilla floribunda, var. Lavallei. (M) June. Deep crimson flowers that last for a long while.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
4 to 5 ft.	50	4 00	30 00

D. florida; syn., **rosea.** (S) May or June. A strong symmetrical grower with good foliage. Blooms profusely, some flowers are delicate pink, others rose and some few almost white.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
4 to 5 ft.	50	4 00	30 00

var. amabilis. (S) May or June. Flowers similar to the above, habit more open.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	4 00	30 00

var. candida. (M) June. Erect grower with white flowers.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
5 to 6 ft., heavy	75	5 00	40 00

var. Isoline. (M) June. White flowers that turn slightly pink with age.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$30 00

var. nana variegata. (M) June. The silvery variegated leaves hold their color well. An excellent shrub for color contrast. Bears innumerable pale pink flowers and is highly desirable. It will grow almost anywhere.

	Each	10	100
2½ to 3 ft.	$0 35	$2 50	$18 00
4 to 5 ft., heavy	50	4 00	30 00

var. versicolor. (M) June. The leaves are attractively margined with silvery markings. One of the best variegated shrubs. Flowers greenish white, changing later to crimson.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

D. Japonica, var. rubra; syn., **Hortensis rubra.** (M) June. Light crimson flowers. A robust, rapid grower.

	Each	10	100
4 to 5 ft., heavy	$0 50	$4 00	$35 00
6 to 8 ft., heavy	1 00	7 50	

DIERVILLA HYBRIDS

These flower at the close of May and occasionally through the summer. They bloom as lavishly and grow as vigorously as the parent forms, attaining a height of from 5 to 8 feet.

Abel Carriere. Rose carmine, yellow spot on throat.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
5 to 6 ft., heavy	75	5 00	

Diervilla, or Weigela. These are familiar flowers in old gardens; those of the different varieties are all similar in shape. They differ in size and color

DIERVILLA HYBRIDS, continued

Conquete. Pink flowers larger than those of any other kind; fine foliage, and one of the strongest and most rapid growers.

	Each	10
4 to 5 ft.	$0 50	$4 00
5 to 6 ft., heavy	75	5 00

Desboisi. Deep rose-colored flowers.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
4 to 5 ft.	50	4 00	30 00
5 to 6 ft., heavy	75	5 00	40 00

Duchartre. Large flowers; dark red.

	Each	10	100
4 to 5 ft.	$0 35	$3 00	$25 00

Eva Rathke. The best red-flowered kind; almost a continual bloomer.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$22 50
3 to 4 ft., heavy	50	4 00	35 00

DIERVILLA HYBRIDS, continued

Gustave Mallet. Light pink, bordered with white. One of the best new sorts.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft.	35	2 50	20 00
5 to 6 ft., heavy	75	5 00	

Hendersoni. Compact habit, pink flowers.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$30 00

Stelzneri. Rosy pink flowers that are very similar to the well-known variety, *D. florida*.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft.	35	3 00	25 00
4 to 5 ft.	50	4 00	30 00
5 to 6 ft., heavy	75	5 00	40 00

Symondsii. Rose and white flowers, beautifully contrasted.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
5 to 6 ft., heavy	75	5 00	

Van Houttei. Clear carmine flowers; profuse bloomer.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
4 to 5 ft.	35	3 00	25 00
5 to 6 ft., heavy	75	5 00	40 00

The Forsythias are veritable harbingers of spring. Their familiar golden flowers are the first to appear

ELÆAGNUS

Elæagnus Angustifolia. OLEASTER. (L) June. An open bush with silvery leaves and fragrant yellow flowers followed by yellow fruits.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$18 00

E. longipes; syn., **edulis.** JAPANESE OLEASTER, SILVER THORN. (D) May. Silver leaves. Profusion of scarlet berries in July.

	Each	10	100
2 to 2½ ft.	$0 35	$3 00	$25 00

E. umbellata. (M) The flowers are yellowish white and fragrant, the fruit scarlet and showy. It ripens later than *E. parviflora.*

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00

Euonymus

A large group of evergreen and deciduous shrubs that show a wide diversity of character. For the evergreen species, see chapter on Evergreen Shrubs, page 17.

Euonymus Bungeanus. (M) Rapid grower with yellow fruits. Bright autumn foliage; splendid for mass effects.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$18 00

E. elatus. CORK-BARKED EUONYMUS. (M) Scarlet foliage in autumn and bright red berries in the fall.

	Each	10
2 to 2½ ft.	$1 00	$8 00
2½ to 3 ft.	1 25	10 00

E. Europaeus. EUROPEAN BURNING BUSH. (L) May. Most attractive in autumn when covered with orange-scarlet seed vessels.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00

EXOCHORDA

Exochorda grandiflora. PEARL BUSH. May. A hardy Chinese shrub of rare merit, with slender branches and small leaves. Most beautiful in bloom when covered with fragrant clusters of pure white, starry flowers that are sometimes an inch in diameter. Admired in all collections and especially adapted for individual planting.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
6 to 8 ft., heavy	1 00	7 50	50 00

FORSYTHIA . GOLDEN BELL

Familiar hardy shrubs that burst into bloom as winter is leaving. The bright golden yellow, star-like flowers wrap themselves along the naked

FORSYTHIA, continued

ranches in a wealth of bloom hat is especially bright and cheerul at such an early season. The 'Golden Bells" grow easily, attain height of 8 feet, and are ornanental in leaf as well as flower. hey are useful for almost any urpose, but indispensable in groups nd masses.

orsythia fortunei. FORTUNE'S FORSYTHIA. (M) Erect branches and handsome broad, dark green leaves.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00
4 to 5 ft.	50	4 00	30 00
6 to 8 ft., heavy	1 00	7 50	

F. intermedia. (L) April. Slender, erect or arching branches, narrow leaves and vigorous grower.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
5 to 6 ft., heavy	75	5 00	40 00

F. suspensa. (M) Characterized by the graceful drooping habit. Frequently planted by itself and for covering arches and trellises.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft.	35	3 00	20 00
5 to 6 ft., heavy	75	5 00	40 00
6 to 8 ft., heavy	1 00	7 50	50 00

F. viridissima. (M) April. Erect shoots, spreading branches and bright, glossy green, narrow leaves.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft., heavy	50	3 50	25 00

var. variegata. (M) Similar to the above, with variegated leaves.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	

Halesia

Silver Bell, or Snowdrop Tree

Halesia diptera. (L) June. A southern variety, not reliably hardy north of Philadelphia; beautiful with its fragrant white flowers.

	Each
4 to 5 ft.	$0 60
6 to 8 ft., very heavy	1 25
8 to 10 ft., very heavy	1 50

H. tetraptera. (L) Drooping branches laden in early spring with fragrant, white flowers resembling Snowdrops. Grows in most any good soil and in shaded places. Is useful, though not reliably hardy north of New York.

	Each
3½ to 4 ft.	$0 50

Hibiscus, or Althea. In July and August when little else is in flower these bloom abundantly. There are many colors in our large assortment of varieties. For descriptions and prices, see page 48

Hamamelis

Hamamelis Virginica. WITCH-HAZEL. (L) October. A strong grower in any soil, but succeeds best in moist places. Remarkable for small, odd yellow flowers that open just as its leaves are brightening, with autumn tints. Hardy in Canada. Valuable for massing and wild effects.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00
4 to 5 ft.	60	4 00	30 00

HIBISCUS SYRIACUS

Althea, or Rose of Sharon

Familiar shrubs, deserving of more popularity than they receive. Altheas will grow almost anywhere from Ontario southward, and their abundance of bloom comes at an almost flowerless time,—from July to September. There is a wide diversity of color in the flowers of different varieties, though all of the plants are of the same upright

HIBISCUS SYRIACUS, continued

character and grow about 12 feet in height. They should be used in every shrubbery border, are valuable as specimens and make beautiful screens for hedges. Altheas are one of the best deciduous hedge plants, forming a thick, stout bush, when properly sheared and trained.

See below, names and descriptions of some of the best varieties, with sizes that we can supply.

Prices of Hibiscus, except where otherwise noted

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	18 00
4 to 5 ft.	50	3 50	25 00
5 to 6 ft.	75	5 00	35 00
6 to 7 ft.	1 00	7 50	40 00

VARIETIES OF HIBISCUS, or ALTHEAS

Alba plena. White with cherry-red center. 6 to 7 ft.

Alba simplex. Single white, with cherry-red center. 4 to 5 ft.

Amaranthus. Reddish purple. 3 to 4 ft.

Amplissima. Rosy red; early bloomer. 2 to 3 ft., 4 to 5 ft.

Ardens. Purplish blue. 3 to 4 ft., 4 to 5 ft.

Boule de Feu. Double red. 3 to 4 ft., 4 to 5 ft.

Carnea plena. Flesh color. 4 to 5 ft.

Double Rouge. Very double; dark red. 3 to 4 ft.

Duc de Brabant. Large, dark rose; free blooming. 4 to 5 ft.

Duc de Bretegne. Shaded rose, nearly pink. 3 to 4 ft.

Duchesse de Brabant. Similar to Duc de Brabant; reddish lilac. 4 to 5 ft.

Folia variegata. One of the best variegated-leaved shrubs, but not conspicuous in flower.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$18 00
2 to 3 ft.	35	3 00	25 00

Grandiflora superba. White, shaded to pink and carmine. 3 to 4 ft.

Joan of Arc. Pure white; very double. 3 to 4 ft., 4 to 5 ft., 5 to 6 ft.

Lady Stanley. White, shaded rose. 4 to 5 ft.

Leopoldii plena. Dwarf; early bloomer; white flowers. 2 to 3 ft., 4 to 5 ft., 5 to 6 ft.

Monstrosa. Very large; white flowers. 3 to 4 ft., 4 to 5 ft.

Pæoniflora. White, with cherry-red center; very floriferous. 4 to 5 ft.

Purpurea simplex. Single purple. 4 to 5 ft.

Totus albus simplex. Large, single, pure white. 2 to 3 ft.

Van Houttei. White, wlth red center. 3 to 4 ft., 4 to 5 ft.

Hippophae

Hippophae rhamnoides. See Buckthorn. (M) A hardy shrub that endures exposure and the unfertile soils of sandy and barren places.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00

HYDRANGEA

No class of shrubs is better known than the Hydrangea, because they include some of the most showy flowering plants that are found in cultivation. They grow easily, have no insect enemies, and, with the exception of the Hortensis varieties, are reliably hardy. A crowning feature is that they bloom during the comparatively flowerless months of July and August.

Hydrangea arborescens. (S) June and July. A bushy plant from our native woods, with corymbs of white flowers in June and July. It is the most hardy of Hydrangeas, and particularly desirable for planting in shady places.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00
4 to 5 ft., heavy	75	5 00	40 00

H. hortensis, var. Mariesi. (S) Large handsome foliage. Flat heads of violet-blue, sterile flowers.

	Each	10
3 to 3½ ft., heavy	$1 00	$8 00

var. monstrosa. (S) Blue, larger flowers than the familiar *H. Otaksa*, mentioned below.

	Each	10	100
1½ to 2 ft., 4 years	$0 50	$4 00	$30 00

var. Otaksa. (S) June to August. The pink or blue Hydrangea so frequently seen in tubs and vases, heavily laden with numerous large round flower-heads.

	Each	10
1½ to 2 ft., 3 years	$0 50	$4 00

Hydrangea hortensa, var. Thomas Hogg. (S) June to August. Similar to the above, with large white flowers.

	Each	10	100
1½ to 2 ft., 4 years	$0 50	$4 00	$30 00

H. paniculata. (M) August to September. Foliage and habit similar to the better-known Great-panicled Hydrangea. Flowers in loose open clusters. Splendid for shrubberies.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	4 00	30 00

var. grandiflora. GREAT-PANICLED HYDRANGEA. (M) From July to September there is no shrub more showy than this favorite Hydrangea, whose branches are bent beneath the weight of the huge white flower clusters; as the season advances the flower panicles change to tints of pink and red. Always dependable.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$15 00
3 to 4 ft.	50	3 50	25 00
3 to 4 ft., tree form	60	5 00	

We have excellent shipping facilities at Trenton, New Jersey, where we get the benefits of quick service and low rates afforded by competing freight and express companies

Hydragea quercifolia. OAK-LEAVED HYDRANGEA. August. Flat flower clusters in August and gorgeous foliage in autumn. These features together with the interesting shape of leaf and attractive habit make this Hydrangea one of the best decorative shrubs.

	Each	10	100
1½ to 2 ft.	$0 50	$4 00	$30 00
2 to 3 ft.	75	5 00	40 00
3 to 4 ft.	1 00	7 50	

Hypericum - St. John's Wort

Hypericum aureum. (D) July to September. A stiff dense shrub that bears abundant yellow flowers at a time when little else is blooming. Hardy as far north as Massachusetts; grows well in moist, stony ground and shaded places. A small plant, useful at the front of shrubbery borders.

	Each	10
1½ to 2 ft.	$0 35	$2 50

H. Kalmianum. (D) Hardy and suited to dry or exposed positions. Bright attractive foliage.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

H. Moserianum. GOLD FLOWER. (VD) June until frost. A low, creeping plant, with bright green leaves that make a pretty setting for the golden yellow flowers. Well suited for shrubbery and perennial beds.

	Each	10	100
1 to 1¼ ft.	$0 25	$2 00	$15 00

Ilex

Ilex verticillata. BLACK ALDER, or WINTERBERRY. (S) A very hardy native shrub, with attractive foliage and habit. Most ornamental in autumn and winter when covered with brilliant red berries.

	Each	10
2 to 3 ft.	$0 50	$3 50

Jasminum

Jasminum nudiflorum. YELLOW JASMINE. (S) February or March. Hardy only in sheltered places north of Philadelphia; admired for its yellow flowers in the first warm days of spring.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

J. officinale. JESSAMINE. Not quite so hardy as the former, but it is popular in the South, where its fragrant white flowers blossom in summer.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

KERRIA, or CORCHORUS

Shrubs with tender bright green branches that are ornamental even when divested of leaves. They grow in almost any soil, and do well in open or shaded places. All varieties have attractive foliage, and are invaluable at the front of shrubberies or in groups by themselves. Orange-yellow flowers are borne abundantly in May and sparingly through the summer. All the winter-killing that these plants will receive south of New York City is not apt to hurt them much. It is unfortunate that persons further north cannot depend upon these grand shrubs for mass and border plantings.

Kerria Japonica (simplex). (S) Single flowers. Very floriferous.

	Each	10
1½ to 2 ft.	$0 25	$2 00

var. argentea variegata. (S) A desirable silvery variegated form, useful for contrasts.

	Each	10
1 to 1½ ft.	$0 25	$2 00

var. flore pleno. GLOBE FLOWER. Similar to *K. Japonica* in appearance with double rosette-like flowers.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

Hydrangeas at Glenwood. This is the common dependable sort (*Hydrangea paniculata*, var. *grandiflora*), whose white flowers deepen to pinkish tints as autumn advances. For prices see page 48

Ligustrum · Privet

A group of ornamental shrubs, including, besides the California Privet, some most desirable plants. The Privets are not particular as to soil, and they grow rapidly in open places or beneath the shade of trees. In shrubbery borders and masses their good qualities can be appreciated as well as in the hedges by which they are best known. They are seldom attacked by insects; withstand shearing and can be kept at any height or clipped into artificial shapes.

Ligustrum Amurense. Amoor Privet. (L) More hardy than the California Privet. Erect habit; small leaves that are dark lustrous green and remain until long after snow comes. On this account, if for no other reason, they would be desirable. Fine for hedges, mass plantings and general use.

	Each	10	100	1,000
2 to 3 ft. . . .	$0 25	$2 00	$15 00	$100 00

L. ciliatum; syn., **medium.** (M) Spreading habit. One of the hardiest kinds. Drops its leaves early, revealing an abundance of black berries.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

L. Ibota. (M) June and July. Arching habit, narrow leaves and fragrant white-flower clusters. Reputed as being the hardiest of all Privets. Also a good hedge plant and splendid shrub for decorative purposes on any lawn. Foliage turns a dark red in the autumn.

	Each	10	100	1,000
2 to 3 ft. . . .	$0 35	$2 50	$18 00	$120 00
3 to 4 ft. . . .	50	3 50	25 00	175 00

var. Regelianum. (S) Similar to the above; branches more dense and twiggy; they droop gracefully and give this variety a distinctly attractive appearance. In autumn the foliage turns a bright red. This plant is unexcelled for shrubbery borders and masses; park plantings and hedges.

	Each	10	100	1,000
2 to 3 ft. . . .	$0 35	$2 50	$18 00	$120 00
3 to 3½ ft. . . .	50	3 50	25 00	175 00

California Privet (*Ligustrum ovalifolium* L)

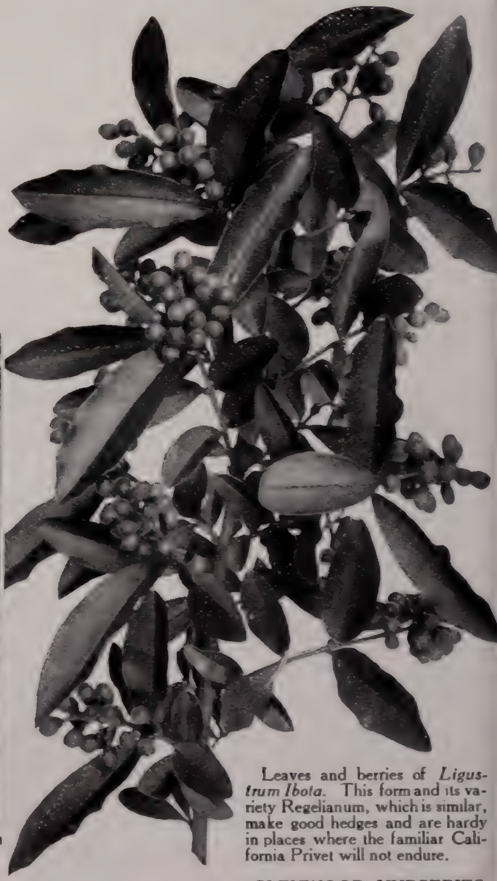
Widely known as a hedge plant; it is a vigorous grower anywhere, endures the unnatural conditions of cities and is one of the best shrubs for seaside planting. The half-evergreen, glossy foliage and pure white flowers in July make it an ornamental shrub that is generally useful. Not reliably hardy north of Boston.

	Each	10	100	1,000
1 to 1½ ft.	$0 15	$0 60	$4 00	$25 00
1½ to 2 ft.	20	75	5 50	30 00
2 to 2½ ft.	25	1 00	7 00	40 00
2½ to 3 ft.	35	1 25	9 00	50 00
3 to 4 ft.	50	3 50	15 00	75 00
5 to 6 ft., tree form heads 2 to 3 ft. broad	1 00	7 50	60 00	

L. ovalifolium, var. aurea variegata. (M) A form with golden variegated leaves.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

Regel's Privet (*Ligustrum Ibota*, var. *Regelianum*). For description and prices see above



Leaves and berries of *Ligustrum Ibota*. This form and its variety Regelianum, which is similar, make good hedges and are hardy in places where the familiar California Privet will not endure.

Lonicera · Honeysuckle

A varied genus that includes vines and shrubs. For the vines, see page 65. The bush varieties are in demand for shrubbery groups and borders. They are hardy and grow easily. Their fragrant flowers are admired in spring, but another attraction is the brilliant fruit that follows in the summer and fall.

Lonicera Alberti. SIBERIAN HONEYSUCKLE. (D) June. Half-trailing shrub, with tiny leaves and deliciously fragrant, violet-blue flowers.

	Each	10
1 to 2 ft.	$0 35	$2 50

L. bella albida. (M) Bears profusion of white flowers, followed by scarlet fruits that hang on a long while and make a grand showing. Strong rapid grower.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., heavy	50	4 00	30 00

L. fragrantissima. (M) April. Small creamy white flowers of a delightful fragrance, borne in profusion. The deep green foliage is retained until winter. Makes a handsome specimen.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	4 00	30 00

L. Morrowi. JAPANESE HONEYSUCKLE (M) May. An open bush with crooked branches, dark green leaves and small white flowers. The red fruit is especially ornamental and lasts a long while.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., heavy	50	4 00	30 00

L. Standishii ; syn., Sinensis. STANDISH'S HONEYSUCKLE. (M) Its attractions are fragrant early flowers, red berries and half evergreen foliage.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

L. Tatarica (rubra). TARTARIAN HONEYSUCKLE. (S) May. A useful old-fashiondd shrub with slender, upright branches. Small, fragrant pink, crimson or blush flowers, followed by attractive red or orange-yellow berries. See illustration.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	40	3 00	20 00
4 to 5 ft., heavy . .	50	4 00	30 00

var. alba. (S) White flowers alone distinguish it from the above.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	40	3 00	20 00

var. grandiflora. (S) Double pink flowers.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

L. xylosteum. FLY HONEYSUCKLE. (M) May. A shapely, erect bush, with distinct dull green leaves. Inconspicuous yellowish white, fragrant flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., heavy	40	3 00	20 00
4 to 5 ft., heavy	50	3 50	

Myrica

Myrica cerifera. WAX MYRTLE. (M) A seashore plant with reddish flowers and heavy fragrant foliage. Partially evergreen.

	Each	10
2 to 3 ft.	$0 50	$4 00

M. gale. BAYBERRY, or SWEET GALE.

	Each	10
2 to 3 ft.	$0 50	$4 00

Philadelphus

Mock Orange, or Syringa

Well-known shrubs of strong, vigorous habit, that will grow almost anywhere. They are desired for individual planting and for all shrubbery effects. Almost immune from insect enemies and always dependable.

Philadelphus Billardii. (S) June. Blooms a week or two later than other kinds. Is desirable for extending the season.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00

P. cordifolius. (S) June. Adapted to drier soils; attractive heart-shaped leaves. A handsome strong-growing variety.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
4 to 5 ft.	50	3 50	

Tartarian Honeysuckle (*Lonicera Tatarica*). Prices and descriptions on this page

The flowers of the familiar Mock Orange, or Philadelphus, are similar in all varieties. There are botanical differences, and some are more fragrant than others. The variety grandiflorus pictured here is one of the best

Philadelphus coronarius. GARLAND MOCK ORANGE. (S) May. A vigorous, hardy old favorite of erect, compact habit. Fragrant early white flowers.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

var. foliis aureis. GOLDEN MOCK ORANGE. (S) Flowers sparingly, but is admired for the golden foliage, which is bright throughout the summer. A desirable edging to shrubberies.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$20 00
1½ to 2 ft.	50	3 50	30 00

P. deutzia flore pleno. (D) June. Double flowers.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

P. grandiflorus. (M) May or June. Forms a large spreading bush with graceful, drooping branches; a strong grower; flowers slightly fragrant. A common and desirable shrub.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft.	50	3 50	25 00
5 to 6 ft., heavy	75	5 00	40 00

P. inodorus. SCENTLESS MOCK ORANGE. (M) June. Almost identical with the above.

	Each	10	100
4 to 5 ft., heavy	$0 40	$3 00	$25 00
5 to 6 ft., heavy	50	4 00	30 00

P. Ketelerii. (M) May or June. Fragrant double white flowers.

	Each	10	100
2 to 2½ ft.	$0 35	2 50	20 00

Philadelphus laxus. (L) Strong grower, large fragrant flowers; very desirable. A new variety of unusual promise. Sometimes the flowers are 1½ inches across.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	3 50	25 00

var. Mont Blanc. (S) June. Upright growth; small leaves and fragrant flowers.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	4 00	30 00

P. Nepalensis. (M) June. Leaves slightly tinted with yellow.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2 to 3 ft.	35	2 50	20 00

P. nivalis. (S) June. Small white flowers of exceptional purity.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
4 to 5 ft.	50	4 00	30 00

P. pubescens. (L) June. Large handsome leaves and scentless flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	3 00	25 00

Photinia

Photinia villosa. (L) June. White flowers in corymbs, succeeded by brilliant red fruits and bright autumn foliage. Useful for natural and tall-growing mass plantings.

	Each	10
4 to 5 ft.	$0 50	$3 50

Potentilla

Potentilla fruticosa. SHRUBBY CINQUEFOIL. (D) All summer its low-spreading branches are bright with yellow flowers and narrow, fuzzy leaves. Grows in dry or wet soils and stony places.

	Each	10
1 to 1½ ft.	$0 35	$2 50
1½ to 2 ft.	50	3 50

Prunus

Prunus besseyi. WESTERN SAND CHERRY, or ROCKY MOUNTAIN DWARF CHERRY. (S).

	Each	10
3 to 4 ft., heavy	$0 75	$5 00

P. Pissardi. PURPLE-LEAVED PLUM. (L) A little tree with dark purple leaves that keep their lustrous coloring even through the summer and fall. Small pinkish white flowers cover it.

	Each	10
4 to 5 ft.	$0 75	$5 00

P. triloba. DOUBLE-FLOWERING PLUM. (M) May. A strong-growing, hardy shrub, with delicate pink, double flowers and slender branches. Very ornamental.

	Each	10
3 to 4 ft.	$0 50	$4 00

Ptelea · Hop Tree

Ptelea trifoliata. (L) June. Bright shining foliage, clusters of white flowers succeeded by an abundance of ornamental seed-vessels that cling tenaciously for a long while. Suited for mass plantings.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

var. aurea. GOLDEN HOP TREE. (L) June.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$30 00
5 to 6 ft.	75	5 00	40 00

Pyrus

Pyrus arbutifolia. CHOKE BERRY. (L) May. Clusters of small white flowers, succeeded in August by bright red berries that remain until winter. Bright crimson autumn foliage.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
4 to 5 ft.	50	4 00	30 00

P. floribunda. FLOWERING CRAB, or RED CHOKE BERRY. (L) Flowers white tinted with red, borne in abundance.

	Each	10
4 to 5 ft.	$0 75	$6 00

Rhamnus

A group of large-growing shrubs or trees that are well suited for mass and border plantings, especially in public grounds where subjected to abuse. Grows in city atmosphere and in partial shade. Have ornamental berries in the autumn.

Rhamnus Caroliniana. INDIAN CHERRY. (L).

	Each	10	100
5 to 6 ft.	$0 75	$5 00	$40 00

R. catharticus. BUCKTHORN. (L) June and July. Often used for hedges.

	Each	10	100
2 to 3 ft.	$0 20	$1 50	$12 00
3 to 4 ft.	35	2 50	20 00
5 to 6 ft.	50	4 00	30 00
6 to 7 ft., heavy	75	5 00	

Rhodora

Rhodora Canadensis. (D) April. Showy rose- and purple-colored flowers.

	Each	10
1 to 1½ ft.	$0 75	$6 00

Rhodotypus

Rhodotypus kerrioides. WHITE KERRIA. (S) A highly desirable shrub for almost any purpose, growing in all soils and succeeding as far north as Massachusetts. Resembles the Kerria in leaf and appearance. The graceful branches bear single white flowers in May and sparingly through the summer. Black berries follow in the fall.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	25 00

Rhus · Sumac and Mist Tree

The old-fashioned Mist Tree, or Smoke Bush (*R. Cotinus*), is familiar on many old-time lawns; but the sumacs until lately have not been extensively used. They are splendid subjects for mass plantings and natural effects, because they are hardy, strong growers and possessed of beautiful foliage. The leaves of the cut-leaved sorts are as delicate as ferns. In autumn they all turn most gorgeous colors.

Rhus Cotinus. MIST, or SMOKE TREE. July.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50		

R. Cotinoides. CHITTAM WOOD. (L).

	Each
5 to 7 ft.	$1 00

R. glabra, var. laciniata. CUT-LEAVED SUMAC. (M).

	Each	10
1 to 1½ ft.	$0 35	$2 50
2 to 2½ ft.	60	5 00

R. hirta. (L).

	Each
10 to 12 ft.	$1 25

R. Typhina. STAGHORN SUMAC.

	Each	10
3 to 5 ft.	$0 50	$4 00

var. laciniata. CUT-LEAVED STAGHORN SUMAC. (L) This is one of the prettiest kinds.

	Each	10
4 to 6 ft.	$0 75	$5 00

R. semilata, var. Osbeckii. CHINESE SUMAC. (M).

	Each	10
5 to 6 ft.	$0 75	$6 00

Spiræa Douglasi. The Spireas Billardi, Salicifolia and Tomentosa have similar flowers. They are conspicuous as summer-flowering shrubs and are especially desirable in mass and natural plantings

Ribes · Flowering Currants

Prized for their wealth of fragrant, small bright flowers in early spring, and for their hardiness.

Ribes aureum. MISSOURI GOLDEN, or BUFFALO CURRANT. (S) May. Golden yellow flowers.

3 to 4 ft. . . . . 50 cts. each, $3.50 for 10

R. Gordonianum. GORDON'S CURRANT. (S) May. Crimson and yellow flowers.

	Each	10
3 to 4 ft.	$0 50	$3 50

R. sanguineum. RED-FLOWERED CURRANT. (S)

	Each	10
3 to 4 ft.	$0 50	$3 50

Roses

The bush Roses described on page 62 are frequently used in shrubbery groups and borders, and always show to advantage in such collections, especially in beautiful Japanese Sweetbrier Rose, *Rosa rugosa*. Look for it on page 62.

Rubus

Rubus odoratus. FLOWERING RASPBERRY. (M) A strong, hardy native shrub that is highly valued for wild and mass plantings. Also for banks and steep terraces, where it takes root and spreads rapidly. Endures shaded places.

	Each	10
2 to 3 ft.	$0 25	$2 00

Sambucus · Elder

Shrubs of strong growth and easy cultivation, that are ornamental in flower, fruit and foliage. Excellent for masses; desirable for wild effects and valuable for shaded places.

Sambucus Canadensis. COMMON ELDER. (M) White flowers in June. Edible black berries in July and August.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	35	2 50	20 00

S. nigra, var. aurea. GOLDEN ELDER. (S) May. Attractive throughout the season, and gives a tone of contrast in all plantings. Probably the most showy golden-leaved shrub, retaining its color all summer. In winter its yellow twigs show brightly too.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	3 50	25 00
5 to 6 ft., heavy	75	5 00	40 00

var. laciniata. CUT-LEAVED ELDER. (M).

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00

var. variegata. VARIEGATED ELDER. (M) May.

	Each	10
3 to 4 ft.	$0 50	$3 50

S. racemosa, var. plumosa aurea. Fern-like golden foliage.

4 to 5 ft., heavy . . . . 75 cts. each

SPIREA

Indispensable shrubs of easy culture that differ so in size, character and time of bloom that there are varieties suited to almost every purpose.

Spiræa argentea; syn., **canescens.** (M) June to August. Panicles of white bloom; useful in the lower and wilder portions of the lawn.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

S. arguta. (S) Early May. Almost identical with *S. Thunbergii.*

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	25 00

Spiræa Billardii. (M) July to September. Sparsely twigged; erect branches, crowned with narrow dense spikes of bright pink flowers. A strong grower; useful in shrubberies. This variety will also be found suitable for moist places and wild or natural plantings. See illustration above.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	50	3 50	30 00

Spiræa Billardii, var. alba. (S) July to September. A white-flowering form of the preceding, that seems equally desirable. See illustration.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	40	3 00	25 00
4 to 5 ft.	50	3 50	30 00

S. Bumalda. June until frost. A bushy plant with good foliage, vigorous habit and abundant rosy pink, flat flower-heads. Desirable as an edging to shrubberies. See illustration.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
3 to 4 ft., heavy	75	5 00	

var. Anthony Waterer. (D) June until frost. One of the most popular shrubs, possessing the characteristics and robust habits of the parent form, but with crimson flower-heads of a richer, brighter hue. Good foliage frequently splashed with odd though pretty yellowish white markings. A beautiful edging and desirable plant at the front of shrubberies or wherever a low bush is required.

	Each	10	100
1 to 1½ ft., bushy	$0 25	$2 00	$15 00
1½ to 2 ft., bushy	35	2 50	20 00
2 to 2½ ft., bushy	50	3 50	25 00

S. callosa, var. alba. FORTUNE'S WHITE SPIREA. (S) All summer there are white flowers in flat clusters on this bushy shrub.

	Each	10	100
1 to 1½ ft.	$0 35	$2 00	$18 00

S. carpinifolia. (D) July. White spikes of bloom.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

S. Douglasi. DOUGLAS' SPIREA. (S) Spikes of deep rose-colored flowers in July and August.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00

S. Japonica, var. Fortunei. (S) June to July. Corymbs of rosy pink flowers.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	50	4 00	30 00

S. opulifolia; syn., **Physocarpus opulifolia.** (M) June. It is familiarly known as Ninebark. A large, vigorous-growing shrub that bears an abundance of fragrant, flat clusters of white flowers.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
4 to 5 ft.	50	3 50	27 50
6 to 8 ft., heavy	1 00	7 50	50 00

var. aurea. (M) June. Bright golden leaves in spring that darken as the season advances. Otherwise similar to the above.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
5 to 6 ft., heavy	75	5 00	40 00
6 to 8 ft., heavy	1 00	7 50	50 00

S. prunifolia flore pleno. BRIDAL WREATH. (M) Early May. A hardy old-fashioned erect shrub that is still popular. As the leaves are opening small snow-white double flowers wrap themselves along the branches in a lavish display of bloom. The little leaves color brilliantly in autumn.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	25 00

Spiræa Reevesiana. (M) Last of May. Beautiful clusters of white florets which bend the branches gracefully and cover them completely. Similar to *S. Van Houttei.* See illustration.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft., heavy	50	3 50	25 00
4 to 5 ft., heavy	75	5 00	35 00

var. flore pleno. Double flowers alone distinguish it from the above.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft., heavy	50	3 50	25 00

S. rotundifolia. (M) June. Distinct and hardy, with white flowers and roundish leaves, remaining fresh until late in the fall.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00

S. salicifolia, var. alba. WILLOW-LEAVED SPIREA. (S) June to September. Erect, strong habit, fond of wet ground, but succeeds almost anywhere. Useful for masses and wild effects. White. See illustration.

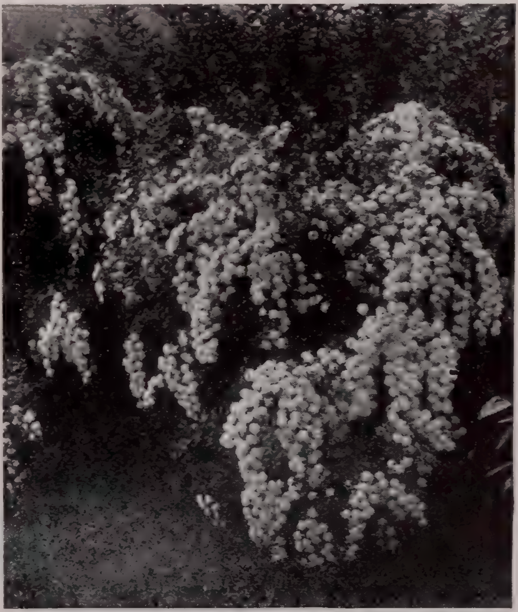
	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
5 to 6 ft., heavy	50	3 50	30 00

S. semperflorescens. (S) July to September. Pink.

	Each	10
2 to 2½ ft.	$0 35	$2 50

S. Thunbergii. THUNBERG'S SPIREA. (S) April and May. A graceful bush, with innumerable small white flowers that crowd along its slender branches and shine as snow through the light green feathery foliage. Leaves narrow, bright green, fading in autumn with brilliant tones of orange and scarlet.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$35 00



Spiræa Van Houttei. A most graceful and beautiful shrub with a wealth of lovely flowers in May. *Spiræa Reevesiana* is very similar

Spiræa tomentosa. HARDHACK. (S) July to Sept. Flowers in deep pink panicles. Valued for low places and wild effects.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

S. Van Houttei. (M) May. Among the very finest of flowering shrubs. A strong, hardy grower of graceful, drooping habit, with handsome foliage. The profusion of bloom weighs the slender branches and covers the bush with a beautiful canopy of white. Desirable from any standpoint. See illustration.

	Each	10	100
2 to 3 ft., heavy	$0 25	$2 00	$15 00
3 to 4 ft., heavy	50	3 50	25 00
4 to 5 ft., heavy	75	5 00	35 00

Staphylea

Staphylea Colchica. BLADDER NUT. (M). May. Much admired for its panicles of fragrant white flowers, and later in the season for its curious inflated seed-vessels.

	Each	10
2 to 3 ft.	$0 50	$3 50
3 to 4 ft.	60	5 00

Stephanandra

Stephanandra flexuosa. (S) A thick shrub, with graceful branches and small foliage that is almost as delicate as a fern, and turns bronze-red in late summer and autumn. In June, small, inconspicuous fragrant flowers line the branches.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft.	35	2 50	20 00

Stuartia

Stuartia pentagyna. (M) Flowers white, large showy. Attractive and desirable.

2 to 3 ft.	75 cts. each

Styrax

Styrax Japonica. (L) A large shrub or small tree that merits the popularity it receives. Makes a fine display in June when hung full of its fragrant white bells.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00
5 to 6 ft., heavy	75	5 00	40 00

Symphoricarpus

Small native shrubs that are much used in shaded places and open masses. They grow well in almost any soil, are quite hardy and very ornamental, especially so when covered with berries in fall and winter. They grow 3 to 6 feet in height, have small leaves and slender branches.

Symphoricarpus Hyerii. A white-fruited variety we obtained from France. It has better and more lasting foliage than the other sorts.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00

S. racemosus. SNOWBERRY. July and August. Small red flowers succeeded by abundant white berries.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00

S. vulgaris; syn., **rubra.** CORAL-BERRY. July. Similar in character to the above; useful in the same ways. Purplish red berries in autumn. See illustration below.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., heavy	50	3 50	25 00

var. variegatus. The leaves are variegated with golden yellow and green.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00

SYRINGA · THE LILACS

The Lilac among shrubs is like the maple among trees, "the most common and most indispensable." In many dooryards the neglected Lilacs continue to bloom with a fragrance and beauty that is surpassed by no other shrub. With the revival of old-fashioned gardens, their popularity increases: no shrubbery mass is complete without them. They are hardy, robust plants that do well and flower abundantly with little care. The large collection we offer embraces tall and low-growing shrubs; kinds that will give a succession of bloom for several weeks.

Symphoricarpus vulgaris, var. *rubra*. Coral-berry. One of the best shrubs for shady places. See above

Syringa Chinensis, syn., **Rothomagensis.** Rouen Lilac (M) May. A hybrid variety of merit. Has arching branches and large, loose, reddish purple flower-plumes that are variable in color. The narrow leaves differ from any other Lilacs.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00

var. alba. (M) A white-flowering variety of the above, with the same general charcteristics. It looks very similar to the old-fashioned common white Lilac.

	Each	10
2 to 3 ft.	$0 35	$2 50

S. Japonica. (L) June. A tree form, with glossy leathery leaves. It is quite hardy, and the yellowish white flowers come after other Lilacs are through blooming.

	Each	10	100
5 to 6 ft., heavy	$0 75	$5 00	$40 00
6 to 7 ft., heavy	1 00	7 50	50 00

S. Josikæa. Chionanthus-leaved Lilac. (M) Late in May. A distinct type of tall growth with dark green leaves. The deep purple buds, arranged in loose panicles, open into light violet-colored flowers.

3 to 4 ft. . . . . 50 cts. each

S. Pekinensis. (L) June. Small narrow leaves, yellowish white flowers.

6 to 8 ft., heavy . . . . $1 each

S. Persica, var. alba. White Persian Lilac. Has slender arching branches and narrow leaves, a profuse bloomer

	Each	10
2 to 3 ft.	$0 50	$3 50

S. villosa. (S) A distinct type with late rosy pink flowers in large panicles. The foliage resembles that of the Chionanthus (White Fringe) and the plant is very bushy.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

S. vulgaris. Common Lilac. (M) May. The well-known old-fashioned Lilac so often seen in gardens. It is hardy and vigorous; endures neglect and blooms abundantly. The medium large panicles of bluish purple flowers are very attractive and useful for house decorations.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	25 00
3 to 4 ft., heavy clumps	1 00	7 50	

var. alba. Common White Lilac. (M) May. Its general character is similar to the above. Flowers white.

	Each	10
3 to 4 ft.	$0 50	$3 50

VARIETIES OF SYRINGA VULGARIS

These flower abundantly, and their sweet fragrance scents the air about the second week in May. They grow to be 6 to 8 feet in height. See below names and descriptions of some of the best varieties, with sizes that we can supply.

Unless otherwise noted, prices of all the varieties of *Syringa vulgaris* will be as follows:

	Each	10
1½ to 2 ft.	$0 35	$3 00
2 to 2½ ft.	50	4 00
2½ to 3 ft.	75	6 00
3 to 4 ft.	1 00	7 50

Lilac (Syringa). The flowers of all varieties are similar, differing principally in size, color and form

VARIETIES OF SYRINGA VULGARIS, continued

Abel Carriere. Double, very large, pale blue flowers. 3 to 4 ft.

Alphonse Lavelle. Large panicles of double violet-blue flowers. 2 to 2½ ft.

Belle de Nancy. Double white flowers that are tinged with purple. 1½ to 2 ft.

Charles X. A strong grower with loose trusses of reddish purple flowers. 2 to 2½ ft.

Frau Bertha Dammann. Large panicles of single pure white flowers. 2 to 2½ ft.

Insignis rubra. Buds dark red, opening into rosy purple flowers. One of the best. 3 to 4 ft.

Mme. Casimir Perier. Semi-double pure white flowers in medium-sized clusters. 2 to 2½ ft.

Madame Lemoine. Fine double white variety. 1½ to 2 ft., 2 to 2½ ft.

Michael Buchner. Large panicles. Pale lilac. 2½ to 3 ft.

Ranunculæflora flore pleno. An uncommon variety with double pale blue flowers.

	Each	10
4 to 5 ft.	$0 75	$5 00

Rubra de Marley. Single, rich rosy purple flowers that are borne abundantly. Resembles the common purple lilac and is very desirable.

	Each	10
3 to 4 ft.	$0 50	$4 00
3 to 4 ft., heavy clumps	75	6 00
5 to 6 ft., heavy clumps	1 00	7 50

Souvenir de Ludwig Spæth. The single flowers are dark purple and distinct from other kinds. 2½ to 3 ft., 3 to 4 ft.

Tamarix · Tamarisk

Shrubs of strong but slender, upright growth; clothed with foliage as light and feathery as that of the asparagus. Their delicate fringing flowers are usually some warm shade of pink or red, they are hardy as far north as Massachusetts, and very ornamental at the back of shrubbery borders and valuable for seaside planting.

Tamarix Africana. (L) May. The first to flower. Sea-green foliage.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00

T. Gallica. (L) May to July. Lighter green foliage and later in flower than Africana.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00

var. indica. (L) July and August. The pink flower-racemes are longer than those of other kinds. The foliage is dull green.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00

T. Odessana. (M) July to September. Of lower growth. Pink flowers.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

T. tetandra, var. purpurea. (M) June and July. Purplish pink flowers. A desirable variety of doubtful nomenclature.

	Each	10
3 to 4 ft.	$0 35	$2 50

Japan Snowball (*Viburnum plicatum*). A neat habit and the fact that this Snowball is almost immune from insect pests has made it surpass the old-fashioned Snowball (*Viburnum Opulus*, var. *sterile*) in popularity. It is a grand sight in bloom, whether as individual plant or in the shrubbery border. (See page 59)

VIBURNUMS

In this group are included the Snowballs, which give in spring the same showy effect produced by Hydrangeas in the fall. Viburnums are especially hardy; grow quickly and are particularly free from the attacks of injurious insects. They are invaluable in shrubbery borders; desirable as specimens and useful in all plantings.

Viburnum cassinoides. WITHE-ROD. Very hardy. Flowers creamy white. Well suited for moist places and shrubbery borders.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

V. dentatum. ARROW-WOOD. (L) May. A handsome native shrub, with glossy green leaves and white flowers that ripen into black berries.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2½ to 3 ft., heavy	50	3 50	25 00
5 to 6 ft., very heavy	75	5 00	40 00

V. lantana. WAYFARING TREE. (L) May and June. White flower-clusters succeeded by red fruits that later turn to black. Good foliage and desirable for dry places and limestone soils.

	Each	10
2 to 3 ft.	$0 35	$2 50

V. molle. (S) A native shrub, with handsome large deep green leaves, similar to *V. dentatum*, but blooming a few weeks later.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$18 00
2 to 3 ft.	35	3 00	25 00

V. Opulus; syn., Oxycoccus. HIGH-BUSH CRANBERRY. (M) May. Spreading habit. Single white flowers borne in flat, imperfect clusters. Valued for the brilliant red berries that cling to the leafless branches all winter.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
4 to 5 ft., heavy	75	5 00	40 00
5 to 6 ft., heavy	1 00	7 50	50 00

V. Opulus, var. nana. DWARF CRANBERRY BUSH. (D) Very low-growing. Suitable for the fronts of shrubberies and as an edging.

	Each	10	100
6 to 10 in., bushy	$0 25	$2 00	$15 00

var. sterile. GUELDER ROSE. (M) May. The old-fashioned Snowball that grows almost anywhere and always flowers so abundantly. Closely resembles *V. opulus*, but does not have the ornamental fruits.

	Each	10	100
2 to 2½ ft.	$0 25	$2 00	$15 00
3 to 4 ft., heavy	50	3 50	25 00
4 to 5 ft., heavy	75	5 00	35 00

iburnum Sieboldi. SIEBOLD'S VIBURNUM. (M) Pyramidal clusters of white flowers.

	Each	10
5 to 6 ft.	$1 00	$7 50

. tomentosum. SINGLE JAPAN SNOWBALL. (S) May. An elegant shrub with beautiful dark green leaves. White flowers, borne in flat clusters, followed by decorative red berries, that later change to black.

		Each	10	100
3 to 4 ft.	very heavy and fine	$0 40	$3 00	$25 00
4 to 5 ft.		50	4 00	35 00
5 to 6 ft.		75	5 00	40 00
6 to 8 ft.		1 00	7 50	50 00

var. plicatum. JAPAN SNOWBALL. (S) May. One of the best ornamental shrubs, similar in habit to the above. It bears abundant white balls of bloom that have a beautiful setting in the deep green leaves.

		Each	10	100
2 to 3 ft.	splendid stock	$0 50	$3 50	$25 00
4 to 5 ft.		1 00	7 50	50 00
5 to 6 ft.		1 25	10 00	75 00

Viburnum tomentosum, or single Japan Snowball. Excepting for the flowers this variety cannot be distinguished from the *Viburnum plicatum*. In the fall the foliage turns a bright crimson

Hardy Garden Roses

The beauty of the Rose is so widely appreciated that the popularity it now enjoys, and the demand or hardy garden Roses, is annually increasing. In old-fashioned gardens, in borders, along garden walks, r on arbors, the sweet perfumes of blooming Roses is a source of constant delight to all who grow them. We make a specialty of Roses for garden and home planting, and our assortment has been made up specially for that purpose and includes only such varieties as will thrive under home conditions and ave proved satisfactory in such places.

Prices of Roses. The prices of our Hybrid Perpetual, Tea and Hybrid Tea, Moss, Damask, Penzance, Noisette and Austrian Roses is 50 cts. each, $4.50 for 10, $40 per 100, for strong, twoear plants, from 6-inch pots. All varieties marked thus (†) we can supply in unpotted stock that is just as good, ut will take longer to get started, at 35 cts. each, $3 for 10, $25 per 100.

HYBRID PERPETUALS

The list here offered comprises a general assortment of this ever-popular class of hardy Roses. he varieties listed cover all the desirable and disinct shades, and are superior in size, hardiness, igor, and productiveness. As far as possible, vaieties are on their own roots, but it is necessary o bud some kinds on other stock. In planting udded stock, great care should be taken to have he "bud" at least 2 inches below the surface, o the stock will not "sucker up."

Alfred Colomb. Brilliant carmine-crimson; large, globular.

Alfred K. Williams. Carmine-red; full and perfect form.

Anne de Diesbach (Glory of France). Carmine; large, hardy and fragrant.

Baron de Bonstetten. Dark velvety red; large, fragrant flowers.

Baroness Rothschild. Rich satiny pink; magnificent.

Charles Lefebvre. Velvety crimson; very large.

R. B. Cant. Deep crimson, with dark shading.

Captain Hayward. Bright crimson-carmine; a distinct shade and very fragrant.

Clio. Flesh color with rosy pink center; fine form.

Duke of Edinburgh. Bright crimson; large and double.

Earl of Dufferin. Rich crimson shaded with dark maroon.

†Fisher Holmes. Rich velvety crimson.

Francois Michelon. Deep rose, reverse of petals silvery.

†Frau Karl Druschki. Fine white; large, perfect and fragrant; strong grower.

†General Jacqueminot. Brilliant scarlet-crimson; old time favorite.

Gloire de Margottin. Dazzling scarlet.

Hugh Dickson. Brilliant crimson, highly perfumed.

†John Hopper. Bright rose, carmine center; cupped and well formed.

Louis van Houtte. Red; one of the best.

†Mabel Morrison. Pure white, flushed pink in autumn.

Madame Gabriel Luizet. Fine satiny rose.

†Magna Charta. Bright pink, suffused carmine.

Marchioness of Lorne. Rich rose, shaded with carmine.

†Margaret Dickson. One of the finest white hybrids.

†Marie Bauman. Bright carmine; large, perfectly formed.

†Marshall P. Wilder. Cherry-carmine; large bloom, vigorous grower.

Climbing Rose, "Dorothy Perkins." Besides the merit of beautif shell-pink flowers, its foliage is better than that of most kinds

HYBRID PERPETUAL ROSES, continued

†Madame Victor Verdier. Rich cherry-red.

†Mrs. John Laing. Delicate pink ; large, full.

†Mrs. R. G. Sharman-Crawford. Deep rosy pink, outer petals shaded to pale flesh.

†Paul Neyron. Very large, deep rose ; full and double; a favorite.

Prince Camille de Rohan. Deep velvety crimson, with black shadings.

Rhodocanachi. Rose, shaded pink ; full and very fragrant.

Tom Wood. Large cherry-red flowers.

†Ulrich Brunner. Bright cerise-red ; large and full.

†Victor Verdier. Rosy carmine ; large, showy.

TEA AND HYBRID TEA ROSES

Hardy with little or no protection, very productive, and, as a rule, with brilliant colors and delightful fragrance.

Belle Siebrecht (Mrs. J. W. Grant). Brilliant pink fine form, prolific bloomer.

Captain Christy. Large double buds of deep fles color ; constant bloomer.

Etoile de France. Velvety crimson, center red bloom large.

Etoile de Lyon. Bright sulphur-yellow ; fine form

Gloire Lyonnaise. White, tinted yellow.

Gruss an Teplitz. Bright rich scarlet, very showy lavish bloomer.

Kaiserin Augusta Victoria. White, tinted wit lemon center.

Killarney. Flesh white to pink, buds long an pointed ; bloom large.

La France. Clear satiny pink ; large and full.

Liberty. Brilliant crimson ; very floriferous.

Madam Abel Chatenay. Carmine-rose, shaded wit salmon ; free bloomer.

Madam Jules Grolez. Bright china-rose ; larg and full.

Prices of Roses. The prices of all our Hybrid Perpetual, Tea and Hybrid Tea, Moss, Damask, Penzance Noisette and Austrian Roses is 50 cts. each, $4.50 for 10, $40 per 100, for strong two year plants from 6-inch pots. All varieties marked thus (†) we can also supply in unpotted stock that is just a good, but will take longer to get started, at 35 cts. each, $3 for 10, $25 per 100.

TEA AND HYBRID TEA ROSES, continued

aman Cochet. Deep rose-pink, beautiful in bud and flower.

arie Van Houtte. Center yellow, petals tipped with rose; large and full; a continual bloomer.

ildred Grant. Silvery white; blooms of enormous size lasting a long time in good condition.

apa Gontier. Rosy crimson, fine long buds; very attractive.

eine Marie Henriette. Deep cherry-red; a good climbing variety.

ouvenir du President Carnot. Flesh shaded white; flowers large and full.

nset. Deep apricot-yellow; good size and free bloomer.

iscountess Folkstone. Creamy pink; very floriferous; a grand rose.

hite Maman Cochet. White, fine in bud.

MOSS ROSES

The beauty of this type of Roses consists largely the delicate mossy covering surrounding the d. Large and extremely hardy.

anche Moreau. Pure white, large and full. Beautifully mossed and very fragrant.

ested. Pink, finely crested; very distinct.

imson Globe. Deep crimson; large and full.

incess Adelaide. Pale rose, foliage often variegated.

DAMASK ROSES

abbage (Common Rose). Rosy pink, large and full.

adame Plantier. Pure white; very hardy and reliable. Profuse bloomer in June. A favorite for cemetery use.

PENZANCE, BRIER ROSES

dy Penzance. Fragrant foliage and flower. Beautiful copperish yellow.

rd Penzance. Very fragrant. Flowers ecru with tones of lemon-yellow in the center.

NOISETTE ROSES

Although this group requires more protection an the Hybrid Perpetuals they are of considera- e importance as they bloom freely throughout e year. The flowers are borne in clusters and are good form.

quette des Alpes. White shaded with carmine.

quette des Blanches. Pure white.

AUSTRIAN, OR YELLOW ROSES

These require little or no pruning. Simply re- ove any dead and useless wood.

ersian Yellow. Very showy bright yellow flowers of medium size.

oleil d'Or (Golden Sun). The new hardy yellow Rose. Flowers full and globular; very fragrant.

MISCELLANEOUS ROSES

Baby Rambler; syn., **Dwarf Crimson Rambler, Norbert Levavasseur.** A compact new dwarf variety that does not exceed 18 inches in height, covered with a wealth of crimson flowers that last a long time.

	Each	10
Potted plants	$0 75	$6 00

Hermosa. An old-time favorite that bears bright pink flowers and blooms persistently.

	Each	10
2-yr. potted	$0 50	$4 50

MEMORIAL, or EVERGREEN ROSES

Roses of this family are of a trailing habit, very hardy and recommended for covering walls, rocks, rough ground or for any purpose for which a creeping Rose is desired. They are much used for mass plantings, to produce wild, natural effects.

Gardenia. Bright yellow flowers.

	Each	10
1-yr. field-grown	$0 20	$1 50

Manda's Triumph. Large, abundant clusters of medium double, pure white flowers.

	Each	10
2-yr., strong field-grown	$0 35	$2 50

South Orange Perfection. Clusters of small double flowers, pink in the bud, changing to white as they open.

	Each	10	100
1-yr. field-grown	$0 20	$1 50	
2-yr. strong field-grown	35	2 50	$18 00

Universal Favorite. Vigorous variety with a profusion of immense double flowers of beautiful rose-color.

	Each	10	100
1-yr. field-grown	$0 20	$1 50	
2-yr., strong field-grown	35	2 50	$18 00

Wichuraiana. MEMORIAL ROSE. Beautiful small glossy evergreen foliage. A grand trailer over all sorts of places. Fragrant, single waxy white flowers are borne profusely in June.

	Each	10	100
1-yr. field-grown	$0 25	$2 00	$12 00
2-yr. strong field-grown	35	2 50	18 00

HARDY CLIMBING ROSES

Crimson Rambler. Well known and popular. A strong, rapid grower that produces exceedingly large and brilliant clusters of small double crimson flowers in great profusion. There is nothing finer for trailing over verandas, walls, pillars, etc.

	Each	10	100
2-yr. strong field-grown	$0 35	$2 50	$18 00
2-yr. potted	50	4 00	35 00
Extra-strong, potted	75	6 00	

Climbing Clothilde Soupert. Rich creamy white flowers, sometimes blush. A vigorous grower, blooming abundantly and persistently almost until frost.

	Each	10
1-yr. field-grown	$0 35	$2 50

rices of Roses. The prices of all our Hybrid Perpetual, Tea and Hybrid Tea, Moss, Damask, Penzance, Noisette and Austrian Roses is 50 cts. each, $4.50 for 10, $40 per 100, for strong two- ar plants from 6-inch pots. All varieties marked thus (†) we can also supply in unpotted stock that is just as good, t will take longer to get started, at 35 cts. each, $3 for 10, $25 per 100.

HARDY CLIMBING ROSES, continued

Dawson. Considered by some to be as valuable as the Crimson Rambler. Large clusters of semi-double bright carmine flowers. Strong grower.

	Each	10	100
2- and 3-yr. strong field-grown.	$0 35	$2 50	$18 00

Dorothy Perkins. A splendid sort with beautiful shell-pink flowers, full, large and double. The trusses often contain 30 or 40 individual flowers. Bright foliage that keeps fresh better than most kinds do.

	Each	10	100
1-yr.	$0 20	$1 50	$12 00
2- and 3-yr.	35	2 50	18 00

Lady Gay. Similar in habit to Crimson Rambler; flowers rose-pink.

	Each	10
2-yr., field-grown	$0 50	$4 00

Multiflora Japonica. See under Bush Roses.

Philadelphia Rambler. Similar to the Crimson Rambler, deeper and brighter in color.

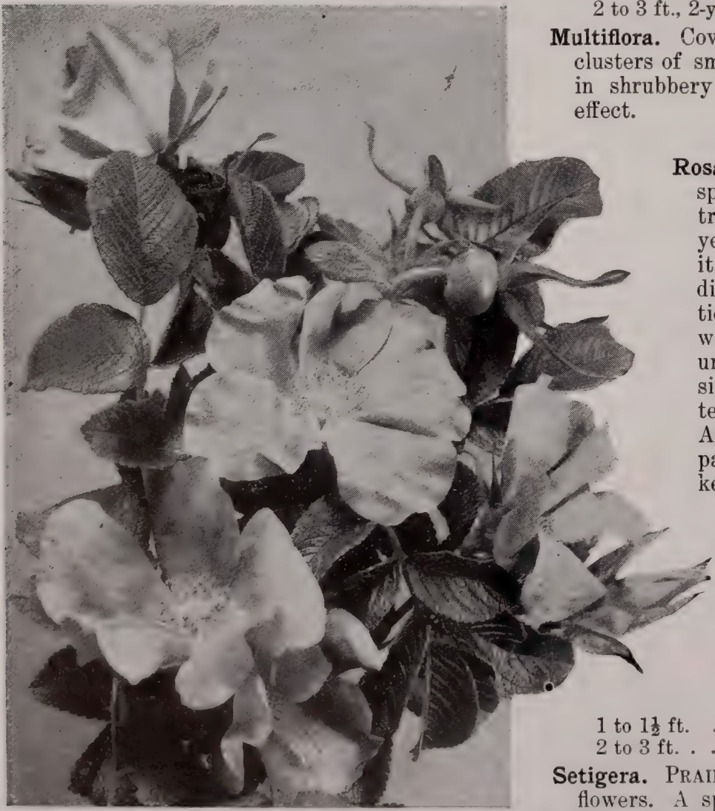
	Each	10
2-yr., potted	$0 50	$4 00

Pink Rambler. Similar to the other Ramblers but has pink flowers.

	Each	10
2-yr, field-grown	$0 35	$2 50

Pink Roamer. Trailing habit; pink flowers.

	Each	10	100
2-yr., strong field-grown	$0 35	$2 50	$18 00



Rosa rugosa, a splendid Bush Rose, for colony or group planting. All summer the single flowers shine from a setting of beautiful dark green leaves and later give place to bright red seed-vessels that look like tiny tomatoes

Queen Alexandra. A new sort that resembles the well-known Crimson Rambler, but is lighter in color.

	Each	10	100
2-yr., strong field-grown	$0 35	$2 50	$18 0

Royal Cluster. Double white, medium size, prolific bloomer.

	Each	10
1-yr., field-grown	$0 20	$1 5
2-yr., strong field-grown	35	2 5

Ruby Queen. Deep ruby-red.

	Each	10
1-yr., field grown	$0 20	$1 5
2-yr., strong field-grown	35	2 5

White Rambler. Perfectly hardy, strong vigorous grower, with white flowers.

	Each	10
2-yr., field-grown	$0 35	$2 5

Yellow Rambler. Large clusters of good-sized deep yellow flowers, fading to a creamy white as the flower matures.

	Each	10
2-yr., field-grown	$0 35	$2 5

BUSH ROSES

These varieties are very desirable in connection with shrubbery plantings, as well as in groups by themselves.

Lucida. Single, bright pink flowers in June. Attractive red branches and plump red fruits in winter.

	Each	10	100
2 to 3 ft., 2-yr.	$0 35	$2 50	$18 0

Multiflora. Covered in June with very fragran clusters of small semi-double flowers. Valuabl in shrubbery borders and to produce a wil effect.

	Each	10	100
3 to 4 ft., 3-yr.	$0 35	$2 50	$18 0

Rosa rugosa. JAPANESE ROSE. A splendid bush or shrub with an attractive appearance almost all th year. The foliage alone would mak it a valuable lawn plant even if did not have other desirable qualities, because the rich, dark gree wrinkled leaves are handsome eve until late in the fall. In May prett single pink or white flowers are dotted among the beautiful leaves After the first burst of bloom ha passed an intermittent display kept up until frost. Meanwhile th first-born flowers have ripene into tiny tomato-like seed-vessels of gorgeous scarlet colo This Rose grows very easily an is a magnificent thing to mas in shrubbery borders or to plar in beds by itself, or for use i almost any kind of landscap planting.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12
2 to 3 ft.	35	3 00	25

Setigera. PRAIRIE ROSE. Single deep rose-colore flowers. A splendid sort for natural plantin It blooms lavishly in June.

	Each	10	100
1½ to 2 ft., 1-yr.	$0 20	$1 50	$12
3 to 5 ft., 2- and 3-yr.	35	2 50	18

Wistarias There is little difference in the flowers of the various sorts excepting in color. See page 66

Ornamental Vines

Climbing Vines are as necessary to the comfort and beauty of a home as the trees and shrubs we lant about it. They mature quickly and tone down the stiff bold angles of new buildings and give shade nd flowers over porches and trellises. They are cheerful and cooling in climbing over bowers and summer-houses, and wild and natural in running over trees and stumps. In shaded places and beneath old rees where grass will not grow, they are often used as a ground cover. On steep slopes and banks hey prevent erosion. They ramble over unsightly neglected places and make them beautiful with frarant and brilliant flowers. Vines are strong, robust growers that require little attention other than to ccasionally train them.

CTINIDIA arguta. A vigorous, rapid-growing Japanese vine, with glossy leathery leaves and greenish white flowers, succeeded by greenish yellow fruits. Fine for covering arbors, trellises, walls, and to produce wild effects.

	Each	10
1- and 2-yr.	$0 25	$2 00
Potted plants	50	4 00

polygama. In most respects it is similar to the above. It has very fragrant, creamy white flowers and handsome foliage. It is a strong, rapid grower and desirable plant. Remarkably free from insect enemies, and excellent for trellises, slow buildings, fences and the like.

	Each	10	100
1½ to 2 ft., 1-yr.	$0 25	$2 00	$12 00
3 to 5 ft., 2-yr., strong . .	35	2 50	20 00
Potted plants	50	4 00	

KEBIA quinata. It is a hardy, quick-growing vine that is graceful and handsome. Has small, five-lobed half evergreen leaves and fragrant purplish brown or chocolate-colored flowers.

	Each	10	100
1½ to 2½ ft., 1-yr.	$0 20	$1 50	$12 00
3 to 5 ft., 3-yr.	25	2 00	15 00
Potted plants	50	4 00	35 00

AMPELOPSIS quinquefolia. VIRGINIA CREEPER. A hardy native vine of strong rapid growth. The large handsome leaves are deeply cut into five lobes, hence the name "Five Finger" is often given to it. In autumn, the foliage turns a beautiful rich crimson. Berries blue, produced in ample panicles. An excellent vine for arbors, fences, trellises, walls and for running up trees and over stumps. A handsome and graceful species.

	Each	10	100
1½ to 2½ ft., 1-yr.	$0 20	$1 50	$12 00
Potted plants	50	4 00	

var. Engelmanni. Practically identical with *A. quinquefolia*. It clings a little more tenaciously to a support, and grows a little more strongly.

	Each	10	100
1½ to 2½ ft., 1-yr.	$0 20	$1 50	$12 00
3 to 5 ft., 2-yr., very strong.	25	2 00	15 00
Potted plants	50	4 00	35 00

var. muralis. Resembles *A. quinquefolia*, var. *Engelmanni*, but is more slender and shorter jointed, with smaller leaves that are whitened beneath.

	Each	10	100
3 to 5 ft., 2-yr.	$0 25	$2 00	$15 00
Potted plants	50	4 00	

Ampelopsis tricolor; syn., **heterophylla elegans.** Leaves resemble in shape those of grapes and are curiously spotted with tints of pink, white and green.

	Each	10	100
1½ to 3 ft., 1- and 2-yr. . .	$0 25	$2 00	$15 00

A. Veitchii; syn., **tricuspidata.** JAPANESE, or BOSTON IVY. The tendrils hold tenaciously to any support and the roots find nourishment in the poorest soils. It is a quite hardy rapid grower. The leaves are strung thickly and overlap one another in a mat of fresh shining green that turns a brilliant red in autumn. It is the most popular Ivy for covering buildings and walls, and grows well in the smoky atmosphere of cities.

	Each	10	100
1½ to 2½ ft., field-grown . .	$0 15	$1 25	$10 00
Strong potted vines	35	2 50	20 00

ARISTOLOCHIA sipho. DUTCHMAN'S PIPE. A strong, hardy-growing tropical-looking vine with handsome light green leaves 8 to 12 inches across. It will give a quick dense shade, and is much used on arbors and trellises. The corolla of the brown flowers is shaped like the bowl of a pipe.

	Each	10	100
Strong potted plants . . .	$1 00	$7 50	$60 00

BIGNONIA. TRUMPET VINE. These are familiar strong-growing vines, with deep, rich green foliage and large trumpet-shaped flowers in early summer. They are very desirable for covering summer houses, training over arbors and to climb over trees, rocks and rustic bridges. Bignonias will grow in almost any soil and are hardy, except in the coldest climates. We offer the two varieties that follow.

B. grandiflora. TRUMPET VINE. July. The orange-red flowers are larger and earlier than *B. radicans*, and it is a more bushy grower.

	Each	10	100
3-yr.	$0 50	$3 50	$25 00
Potted plants	75	6 00	

B. radicans. SCARLET TRUMPET VINE. July to September. Our native species with deep scarlet flowers. It is a familiar old-fashioned vine that clings tenaciously and grows rapidly to tall heights.

	Each	10	100
2-yr. and 3-yr.	$0 25	$2 00	$15 00
Potted plants	50	4 00	

CELASTRUS articulatus. JAPANESE BITTERSWEET.

	Each	10
2 to 3 ft.	$0 25	$2 00

C. scandens. BITTERSWEET. A native vine that is especially ornamental in fall and winter, with brilliant orange and scarlet fruits.

	Each	10
2 to 3 ft.	$0 25	$2 00
Potted plants	50	4 00

CLEMATIS

Familiar vines that flower profusely and are in demand for covering porches, trellises and arbors, and to climb over posts and fences. From a long list of varieties we have selected the following as the most desirable.

Clematis Henryi. See description below

Clematis paniculata. It is a strong, luxuriant grower, with light green foliage that is handsome in itself. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. We recommend it for planting anywhere around the house and for covering posts, fences, walls and stumps.

	Each	10	100
Potted plants	$0 35	$3 00	$25 0

CLEMATIS HYBRIDS

Extra-strong plants, 50 cts. each, $4.50 for 10, $40 per 100

Duchess of Edinburgh. Pure white, double flowers

Henryi. Large, creamy white and handsome. Se illustration above.

Jackmani. Next to *C. paniculata*, this is the mos popular variety, with rich royal-purple flower two inches across, borne abundantly in June an occasionally afterwards.

Mme. Baron Veillard. Rose.

Mme. Edouard Andre. Deep, rich crimson, larg flowers.

Romona. Very large, deep sky-blue flowers. A desirable new sort.

Ville de Lyon. Bright red. Well-formed flower and very good variety.

DOLICHOS Japonica. JAPANESE KUDZU VINE. A extremely rapid-growing vine that has bee known to make 40 to 60 feet of growth a yea It is an especially desirable thing for quick effect and useful for hiding unsightly objects. Th leaves are large and handsome.

	Each	10
Potted plants	$0 50	$4 0

UONYMUS radicans. CREEPING EUONYMUS. An evergreen species with small glossy leaves. Grows slowly to a height of 20 or 30 feet. Clings tenaciously to walls or rocks, for which it makes a splendid cover. Easily kept under control and on this account suited for low walls.

	Each	10	100
¾ to 1 ft.	$0 20	$1 50	$12 00
1 to 2 ft.	25	2 00	15 00
2 to 3 ft.	35	2 50	18 00

var. variegata. Differs from the above in that it has pretty creamy white markings on the leaves that make it valuable for contrasts.

	Each	10	100
¾ to 1 ft.	$0 20	$1 50	$12 00
1 to 2 ft.	25	2 00	15 00

EDERA Helix. ENGLISH IVY. A familiar evergreen vine, with thick dark green foliage. It grows in almost any soil and is fond of shady places. The young and immature wood sometimes winter-kills in localities north of New York, but it is not so much the cold as the bright late winter suns that kill it. Much used to cover buildings, rocks, trunks of trees, trellis work, graves, and as an evergreen carpet beneath trees in places where grass will not grow.

	Each	10	100
1½ to 2½ ft., 1-yr., field-grown	$0 15	$1 25	$10 00
3 to 5 ft., 3-yr., heavy field-grown	25	2 00	15 00
4 to 5 ft., heavy potted plants	35	2 50	20 00
5 to 7 ft., heavy potted plants	50	4 00	30 00

ASMINUM. The two varieties described on page 49 are sometimes trained over arbors, trellises and used as vines are used.

LONICERA · Honeysuckle

Favorite vines with flowers of elicious fragrance. Strong, rapid rowers in any soil or location. hey are well adapted for all rellis work, for climbing over rbors and verandas, for training o posts and along fences. They re beautiful when allowed to amble over trees and bushes in ild and natural ways. The vines ake root where they touch the round; this habit suits them for reeping over dumps and unsightly laces, and for retaining soil on lopes and banks. They withstand hade and make a ground cover in laces where grass will not grow.

onicera Belgica. MONTHLY FRAGRANT HONEYSUCKLE. Red flowers.

	Each	10
1½ to 2½ ft., 1-yr.	$0 25	$2 00
Potted plants	35	2 50

Honeysuckle
Always desirable and always dependable

Lonicera flava. YELLOW HONEYSUCKLE.

	Each	10
3 to 5 ft., 2- to 3-yr.	$0 25	$2 00

L. Heckrotii. Persistent bloomer. Red flowers, with yellow throat.

	Each	10
3 to 4 ft., 2- and 3-yr.	$0 25	$2 00
Potted plants	35	3 00

L. Hendersonii. Yellow trumpet-shaped flowers.

	Each	10
2 to 4 ft., 1- to 2-yr.	$0 25	$2 00
Potted plants	35	3 00

L. Japonica, var. aurea reticulata. GOLDEN HONEYSUCKLE. The leaves, netted with golden yellow, are beautiful in themselves and are valuable for color contrasts with other kinds. It is a good hardy grower, with fragrant cream-colored flowers.

	Each	10	100
2 to 3 ft., 1-yr.	$0 15	$1 25	$10 00
3 to 5 ft., 3-yr., heavy	25	2 00	15 00
Potted plants	35	3 00	25 00

var. brachypoda. EVERGREEN HONEYSUCKLE. This variety is very similar in appearance to the well-known Hall's Honeysuckle. It is a strong grower and desirable sort with yellow flowers. The leaves turn a coppery hue in late autumn and last until almost spring.

	Each	10	100
2 to 4 ft., 1-yr.	$0 15	$1 25	$10 00
3 to 5 ft., 2- to 3-yr., heavy.	25	2 00	15 00
Potted plants	35	3 00	25 00

var. Chinensis. The leaves are reddish green, often with purplish veins beneath. In winter the foliage turns to a beautiful bronze hue and lasts well on toward spring. The profusion of buds are tinted with pink and open into very fragrant white and pink flowers. This is one of the best varieties for every purpose.

	Each	10	100
2 to 3 ft., 1-yr.	$0 15	$1 25	$10 00
3 to 5 ft., 2- and 3-yr., heavy.	25	2 00	15 00
Potted plants	35	3 00	25 00

var. Halliana. HALL'S HONEYSUCKLE. The most popular variety. Glossy light green leaves; strong, vigorous, half-evergreen habit and a wealth of white and buff flowers, succeeded by occasional bloom until frost.

	Each	10	100
3 to 5 ft., 1- and 2-yr., strong	$0 15	$1 25	$10 00
Potted plants, heavy vines.	35	3 00	25 00

L. sempervirens, var. fuchsioides; syn., L. punicea. SCARLET TRUMPET HONEYSUCKLE. Differs

Lonicera sempervirens, continued widely from the Japanese forms and is brilliant in bloom with its clusters of tubular scarlet flowers that continue all summer. Bluish green leaves. A very pretty and desirable sort.

	Each	10
3 to 5 ft., 3-yr.	$0 25	$2 00
Potted plants	35	3 00

L. Sullivanti. Attractive foliage; yellow flowers and scarlet berries.

	Each	10
3 to 5 ft., 3-yr.	$0 25	$2 00
Potted plants	35	3 00

LYCIUM Chinense. MATRIMONY VINE. A hardy plant that serves as a vine or shrub. Slender drooping branches, bears pink and purple flowers from June until September and are succeeded in winter by scarlet and orange fruits. Grows anywhere and is on this account a good plant to withstand abuse and neglect.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
Potted plants	35	3 00	

PERIPLOCA Græca. SILK VINE. Dark green, silky leaves. Small purple flowers in July.

	Each	10
2 to 3 ft., 1- and 2-yr.	$0 25	$2 00
Potted plants	35	3 00

ROSES. The Crimson, White and Yellow Rambler Roses, as well as the Dawson, Multiflora, Prairie Queen and Setigera varieties, are splendid climbers and no vines are more beautiful than these, as they climb and ramble over any support given them. Particularly valuable for covering old walls, or for hiding unsightly places in the garden. See page 61.

SCHIZOPHRAGMA hydrangeoides. CLIMBING HYDRANGEA.

2½ to 3½ ft. . . . . $1 each

VINCA minor. PERIWINKLE A familiar evergreen creeper that bears blue flowers in early spring and is common as a carpet in shady places or on rockeries and graves.

	Each	10	100	1,000
1 to 1½ ft., 1-yr.	$0 10	$0 75	$4 00	$25 00
Strong potted plants	15	1 00	6 00	50 00

VITIS cordifolia. FROST, or WINTER GRAPE. Smal black Grapes. Valued for natural effects, run ning over trees, etc.

	Each	10
2 to 3 ft.	$0 35	$2 5

V. Labrusca. FOX GRAPE. A rapid-growing strong native vine, with large purplish black fruits Very ornamental; especially suited for climbing over thickets and trees.

	Each	10
1½ to 2½ ft.	$0 25	$2 0

WISTARIA

Strong-growing vines that wrap themselve tightly about any support and are valued most fo covering bowers, porches and training over tre trunks. In May they bear abundant, dense, drooping clusters of pea-shaped flowers similar in shap to those of a sweet pea, and occasionally a lighte crop follows in August.

Wistaria Chinensis. CHINESE WISTARIA. Th common variety, which flowers so profusely i May. Flowers pale blue, fragrant. It withstand the smoke of cities; grows anywhere.

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$35 0
3 to 4 ft.	75	6 00	50 0
Potted plants	75	6 00	50 0

var. alba. A beautiful white-flowering form o our common Wistaria, that possesses the strong growing, hardy qualities of its parent.

	Each	10
2 to 3 ft.	$0 75	$6 0
Potted plants	75	6 0

W. frutescens. AMERICAN WISTARIA. Lilac-pur ple flowers, later than the other kinds.

	Each	10
2 to 3 ft.	$0 50	$4 0

var. magnifica. Flowers fragrant, larger an more dense than the above, over which it is great improvement.

	Each	10	100
3-yr., strong	$0 50	$4 00	$35 0

W. multijuga. LOOSE-CLUSTER WISTARIA. Pani cles of deep purple bloom often 3 feet long One of the most artistic of the group.

	Each	10
2 to 3 ft.	$0 50	$4 0

POTTED VINES

This year we shall carry a larger stock of Vines in pots than we ever have done before. There is practically no loss in planting these and then when in the summer it is too late to plant field-grown stock, these may be safely planted out.

Five or more plants will be furnished at the price per 10, 25 or more at the price per 100

Hedge of California Privet, photographed two years after being planted by us. We have a grand stock that will give just as quick results

Hedge Plants

The value of hedges in ornamental planting is realized. The beauty of living plants is greatly to be preferred to the stiff and measured lines of fences. Annual trimming and occasional weedings and cultivation are all the care that established hedges require, and with age they increase in density and beauty, instead of rotting away with time. Evergreen hedges, fresh and green at all seasons, retain their beauty and serve the purpose for which they are intended, even in winter. They should be trimmed either in May or August and may be kept at any desired height. They increase in density and branch out at the ground, making a thick, almost impenetrable wall. As screens to unsightly objects and as windbreaks for exposed places, there is nothing better. Deciduous hedges grow more rapidly and are less expensive. They require the same care, and should usually be trimmed in winter. The flowering hedges are most showy with their long lines of bloom, and the thorny plants serve best for defensive purposes.

Below we attempt to classify the uses for which hedges are generally put, and give each classification a number, then, in the list of hedging plants that follows, the different varieties are preceded by numerals that indicate the classification that they may be suitably used in. For instance, all varieties preceded by the numeral 1 are good plants for ordinary hedges. Some varieties are useful under several classifications.

1, Ordinary Hedges, such as property boundaries. Usually of medium height and dense, thick habit.

2, Defensive Hedges. Used as fences to keep trespassers off and to turn stock. Plants with thorns usually preferred.

3, Screens. Used to hide objectionable objects, clothes-yards, kitchen doors, etc.

4, Windbreaks. Used to shelter vegetable gardens and shut out the wind from other places. Evergreens almost always used for these purposes.

5, Flowering Hedges. Almost all the flowering shrubs are suited for this purpose; we name only the best.

6, Edging. Low hedges to edge walks with, to border cemetery lots and similar places.

EVERGREEN HEDGE PLANTS

5,6 **Azalea amœna**, page 16.
1,6 **Buxus sempervirens** (Common Tree Box), page 17.
6 **Buxus suffruticosa** (Dwarf Box Bush), page 17.
6 **Ilex crenata** (Japanese Holly), page 18.
1,3,4 **Picea excelsa** (Norway Spruce), page 7.
4 **Pinus Austriaca** (Austrian Pine), page 8.
4 **Pinus Strobus** (White Pine), page 9.
4 **Pinus sylvestris** (Scotch Pine) page 10.
1,3 **Retinospora plumosa** (Green Retinospora), page 11.
1,3 **Retinospora plumosa, var. aurea** (Golden Retinospora), page 11.
1,3 **Retinospora squarrosa, var. Veitchii** (Silver Retinospora), page 11.
1,3,4 **Thuya occidentalis** (American Arborvitæ), page 13.
1,6 **Thuya compacta** (Compact Arborvitæ), page 14.
6 **Thuya globosa** (Globe Arborvitæ), page 14.
6 **Tsuga Canadensis** (Hemlock Spruce), page 15.

DECIDUOUS HEDGE PLANTS

1,2 **Berberis Thunbergii** (Japanese Barberry), p. 41
1,2 **Berberis vulgaris** (Common Barberry), page 41.
1,2 **Carpinus Americana** (American Hornbean), p. 26
1,2 **Carpinus Betula** (European Hornbean), page 26
2 **Cratægus coccinea** (Scarlet Thorn), page 43.
2 **Cratægus Crus-Galli** (Cockspur Thorn), page 43
3,5 **Deutzia**, in variety, page 44.
1,2,3,4 **Fagus sylvatica** (European Beech), page 29.
1,3,5 **Hibiscus** (Althea), in variety, page 48.
5 **Hydrangea paniculata, var. grandiflora**, page 49
1,3 **Ligustrum Ibota**, page 50.
1 **Ligustrum Ibota, var. Regelianum**, page 50.
1,2,3,6 **Ligustrum ovalifolium** (California Privet), p. 50
2 **Rhamnus catharticus** (Buckthorn), page 53.
5 **Rosa rugosa** (Japanese Rose), page 62.
5 **Spirea**, in variety, page 54.
3,5 **Syringa** (Lilac), in variety, page 56.
5 **Viburnum plicatum** (Japan Snowball), page 58.

Ornamental Reeds and Grasses

There are few things more effective in landscape work than this class of plants. They are strong, rapid growers in almost any soil. During the close of summer they come into bloom and are most showy and ornamental with their large flower-plumes. The Arundos are straight and erect, the Grasses slender and graceful. Both are excellent for bedding; each is equally well suited for mixed plantings of any kind. They annually increase in beauty and give so much satisfaction that we do not hesitate recommending them for more extensive use.

ARUNDO Donax. Great Reed. A tall, bamboo-like plant, with long, green narrow leaves, well suited for planting along water edges and for borders and the lawn. It also looks well in shrubbery plantings. 25 cts. each, $2 for 10.

Eulalia Japonica, var. Zebrina. A beautiful Grass for summer and autumn effects

Arundo Donax, var. variegata. A beautiful variegated form; it is valued almost anywhere; has creamy white and green leaves. 25c. ea., $2 for 10.

BAMBUSA. Bamboo. These odd and interesting plants from the semi-tropics have been found hardy here and are decorative in many places. A slight winter protection is desirable, but not entirely necessary. We offer the varieties Aurea, Metake and Simoni. $1 each, $8 for 10.

ERIANTHUS Ravennæ. Plume Grass, or Hardy Pampas. Grows 9 to 12 feet high. Sends up a great lot of silvery flower-plumes. Very similar to the Pampas Grass. 25 cts. each, $2 for 10.

EULALIA gracillima univittata. Japan Rush. A beautiful, tall, swaying grass, with narrow green leaves and a conspicuous silvery white midrib. 15 cts. each, $1.25 for 10, $10 per 100; strong clumps, 25c. each, $2 for 10, $15 per 100.

E. Japonica variegata. The long narrow leaves are striped with a band of white. A graceful and beautiful plant. 15 cts. each, $1.25 for 10, $10 per 100.

E. Japonica, var. Zebrina. Similar to the above, save that stripes of yellow run across the leaves. 15 cts. each, $1.25 for 10, $10 per 100.

GYNERIUM argenteum. Pampas Grass. Grows 8 to 10 feet high in a season and is most ornamental with its long silvery plumes; needs slight protection. 25 cts. each, $2 for 10.

Just a city yard made beautiful with our Shrubs and Perennials

Hardy Perennial Plants

It is no wonder that these grand **Old-Fashioned Hardy Garden Flowers** continue to increase in popularity, because there is not a time during the whole flower season in which some hardy perennial is not in bloom ; and when the wooded shrubs are almost bare of flowers in July and August, these little plants may be depended upon to make a grand display. These perennials are not fastidious about the soil they have to grow in, though many of them, of course, have a preference. Year after year they reappear and flower abundantly requiring scarcely any attention.

A planting of perennials affords a display of bloom from earliest spring until after frost comes in the fall and gives the owner flowers that may be cut at any time for house and table decoration. This class of flowers look well almost anywhere, but are especially suited for border plantings, either by themselves or in connection with shrubbery groups ; they are also effectively used when planted along garden walks, walls or fences, in rockeries and innumerable places that will suggest themselves. We have added a good many varieties to our stock during the past year, and offer now a selection of what we believe to be the most generally desirable kinds. A number of other sorts, however, are carried in stock, so that persons wanting varieties not catalogued here will do well to write to us concerning them.

PRICES OF PERENNIAL PLANTS. **Except where otherwise noted, the price is 15 cts. each, $1.25 for 10, $10 per 100**

ACHILLEA millefolium roseum. ROSY MILFOIL. All summer and on into fall there are heads of rosy red flowers on stems about 18 inches high. The foliage is cut deeply.

A. Ptarmica fl. pl., "The Pearl." 2 feet. In July it is covered with a profusion of small pure white double flowers.

AGROSTEMMA Coronaria. MULLEIN PINK. Rough silvery leaves. Bright crimson flowers in June and July on stems 2 to 3 feet long.

ALYSSUM saxatile, var. compactum. GOLDEN TUFT. An excellent low-spreading plant for the rockery or border with flat heads of yellow flowers in May and June.

ANEMONE Japonica, var. alba. A splendid late-flowering perennial 2 to 3 feet high.

var. Queen Charlotte. Large rose-like flowers of beautiful silvery pink color.

var. rosea superba. Free-flowering; rose-colored.

ANTHEMIS tinctoria, var. Kelwayii. HARDY MARGUERITE. A bushy plant about 18 inches high, with a continuous show through the summer of golden yellow, daisy-like flowers.

AQUILEGIA Californica hybrida. An assorted type of the popular Columbine.

A. Canadensis. NATIVE COLUMBINE. Bright red and yellow. Splendid in perennial beds and for natural plantings.

A. chrysantha. COLUMBINE. Growing to about 18 inches to 2 feet. From May to July, bright with fragrant golden yellow flowers.

A. flabellata nana alba. Dwarf Japanese variety with white flowers.

A. nivea grandiflora. Fine pure white sort.

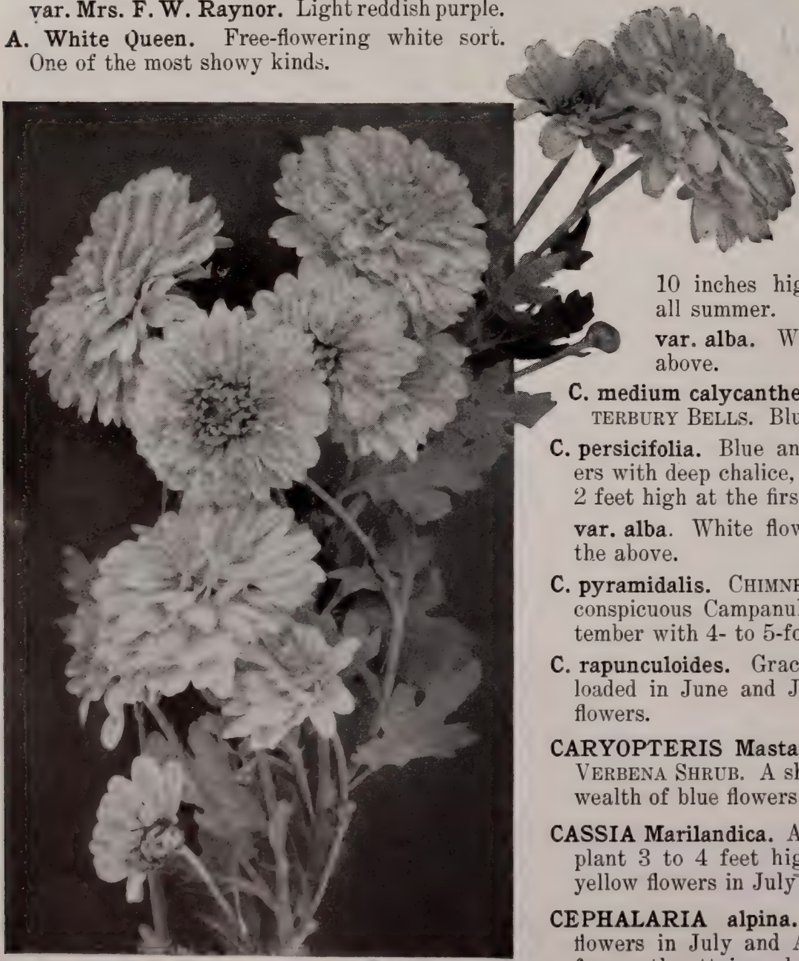
A. vulgaris. EUROPEAN COLUMBINE. Violet-blue.

ARABIS alpina. ROCK CRESS. A very low-spreading plant completely covered with pure white flowers in April and May.

ASTER Novæ-Angliæ. A showy autumn plant about 4 feet in height with bluish purple flowers. A good plant for sylvan and natural plantings.

var. Mrs. F. W. Raynor. Light reddish purple.

A. White Queen. Free-flowering white sort. One of the most showy kinds.



Hardy Chrysanthemums. (See page 71)

BAPTISIA Australis. FALSE INDIGO. Spikes of dark blue flowers, about 2 feet high in June and July. A splendid strong-growing plant with deeply cut foliage.

BELLIS perennis. ENGLISH DAISY. An improved strain in which we have both white and pink flowers.

BOCCONIA cordata. During July and August this tall perennial (6 to 8 feet) is at its best, with large, loose terminal panicles of creamy white flowers. It is a splendid thing to use in shrubbery borders and in connection with smaller plants of any kind.

BOLTONIA asteroides. FALSE CHAMOMILE. A strong-growing plant, 3 to 5 feet, that is covered during the summer and early autumn with hundreds of small white flowers. The Boltonias are the most showy herbaceous plants in their season.

B. latisquama. The flower is a very pale pink; in other respects similar to the above.

CALIMERIS incisa. A border plant that produces daisy-like lavender flowers, with yellow centers from July to September.

CALLIRHOE involucrata. A low-growing carpet plant, with large saucer-shaped flowers of rosy crimson color.

CAMPANULA carpatica. Compact tufts about 10 inches high. Flowers blue, lasting all summer.

var. alba. White-flowered form of the above.

C. medium calycanthema. CUP AND SAUCER CANTERBURY BELLS. Blue, white and rose.

C. persicifolia. Blue and white star-shaped flowers with deep chalice, in cluster on spikes about 2 feet high at the first of June.

var. alba. White flower. Otherwise similar to the above.

C. pyramidalis. CHIMNEY BELLFLOWER. The most conspicuous Campanula when weighted in September with 4- to 5-foot spikes of blue flowers.

C. rapunculoides. Graceful spikes 3 feet high, loaded in June and July with blue bell-shaped flowers.

CARYOPTERIS Mastacanthus. BLUE SPIREA, or VERBENA SHRUB. A shrubby plant valued for its wealth of blue flowers that come in September.

CASSIA Marilandica. A desirable, shrubby looking plant 3 to 4 feet high, with panicles of bright yellow flowers in July and August.

CEPHALARIA alpina. Delicate sulphur-yellow flowers in July and August. A rare plant that frequently attains a height of 6 feet.

CERASTIUM tomentosum. The common name, "Snow-in-Summer," is descriptive of this little plant that is almost hidden beneath white flowers in June and July.

CHRYSANTHEMUM maximum, "Triumph." Moonpenny Daisy. A strong grower, about 3 feet, with a profusion of large daisy-like flowers with white petals and yellow centers. From July to October.

C. King Edward VII. An elegant novelty, with abundant large, pure white, perfect formed flowers, like large daisies.

C. hybridum. Shasta Daisy. Large, white daisy-like flowers; blooms continuously during summer and fall.

HARDY POMPON CHRYSANTHEMUMS

We offer an assortment of hardy Pompon varieties. They flower profusely in October, and are not injured by early frosts, and, therefore, gay and beautiful after everything else in the garden has been killed. They are excellent for cut-flowers and bouquets. Sure bloomers and satisfactory growers that attain a height of about 3 feet. They should be included in all orders for plants of perennial character.

VARIETIES OF CHRYSANTHEMUMS

Danizula. Rosy pink.

Eagle d'Or. Fine golden yellow.

Gold Finch. Rich golden yellow, with tiny red stripes.

Gold Nugget. Golden, inner petals tinted with red.

Miss Julia Bronze.

Sunset. Scarlet-bronze.

Tennyson. Pure yellow.

CLEMATIS Davidiana. A shrubby plant 2 to 3 feet high that blossoms during August and September. Deliciously fragrant, bell-shaped flowers of deep lavender-blue color.

COREOPSIS lanceolata. A splendid flower for cutting and showy in the garden, with graceful habit and rich golden yellow blooms that come the last of June and continues on to autumn. Grows 2 feet high.

C. rosea. August and September. Small pink flowers. A low border and rockery plant.

DELPHINIUM Chinense. A hardy Larkspur 2 feet in height, with long flower-spikes of white and blue shades from July until September.

D. formosum. Larkspur. An old-fashioned garden favorite with large spikes of dark blue flowers. Grows 4 to 5 feet high.

DIANTHUS barbatus. Sweet William. A small plant flowering from May to July, and growing 12 to 18 inches high. It is well known. The plants we offer are of assorted colors.

D. plumarius. Hardy Pinks. These are old-time favorites that require little attention and flower bountifully each year. They are valued for edging, also in rockeries or wherever a low plant is needed. We offer assorted colors.

Digitalis gloxiniæflora

Dianthus Plumarius, continued

DICENTRA spectabilis; syn., **Dielytra.** Bleeding Heart. Long graceful racemes of pink, heart-shaped flowers in May and June. An old-fashioned favorite that deserves its popularity.

DIGITALIS gloxiniæflora. Foxglove. A splendid strain of familiar old-fashioned plants, that grows 3 to 4 feet high and flowers in June.

D. grandiflora. Pale yellow flowers.

D. maculata superba. Dwarf; with yellow flowers a few weeks later than the other kinds.

D. monstrosa. A curious form with rose-colored flowers.

ECHINOPS ritro. Globe Thistle. Flowers deep metallic-blue. 3 feet.

var. sphærocephalus. Pale blue, globe-shaped flowers.

ERYNGIUM amethystinum. Sea Holly. An excellent border plant with amethyst-blue flowers from July to September. 2 feet.

EUPATORIUM ageratoides. White Snakeroot. Dense flat heads of white flowers on stems 3 to 4 feet high from August to October.

E. purpureum. A tall rank-growing native with rosy purple flowers in August and September.

FUNKIA cœrulea. Plantain Lily. Large handsome leaves; spikes of blue flowers in July and August. Valuable for individual as well as collective planting.

F. Thos. Hogg. White variegated leaves.

F. undulata media picta. Green and white variegated foliage; purple flowers.

PRICES OF PERENNIAL PLANTS. Except where otherwise noted, the price is 15 cts. each, $1.25 for 10, $10 per 100

GAILLARDIA grandiflora. BLANKET FLOWER. We offer no more desirable herbaceous plant than this one, which begins to flower in June and continues unremittingly until frost. It grows 2 to 3 feet in height and thrives almost anywhere. The center of the flower is a dark reddish brown, while the orange petals are differently marked with bands of scarlet crimson and vermilion.

GYPSOPHILA acutifolia. Delicate panicles of white flowers in July.

G. paniculata. BABY'S BREATH. A favorite loose open plant 3 to 4 feet high that is laden in August and September with tiny pure white flowers that are especially delicate and suitable for bouquets, etc.

HELIANTHUS. HARDY SUNFLOWER. Strong growers; succeeding anywhere. Useful in connection with shrubbery borders; in clumps by themselves as well as all herbaceous plantings. They grow 4 to 5 feet high and in August and September bear golden-yellow flowers.

H. meteor. Double orange-yellow flowers.

H. mollis grandiflorus. Beautiful lemon-yellow flowers.

H. multiflorus, flore pleno. Double, hardy sunflower. A profusion of yellow dahlia-like flowers.

HELIOPSIS Pitcheriana. A continual bloomer from early summer until late in the season. Abundant, deep golden-yellow flowers about 2 inches in diameter, borne on stems 3 to 4 feet high.

Japanese Iris. See opposite page

Heliopsis scabra major. ORANGE-FLOWER. A desirable herbaceous plant, which bears very large flowers of a beautiful deep golden-yellow color. Begins to flower early in the season and continues the entire summer. Valued for cutting.

HELLEBORUS niger. CHRISTMAS ROSE A tiny plant remarkable for the large flowers that it produces very early in the spring; sometimes even before the snow goes.

30 cts. each, $2.50 for 10, $20 per 100.

HEMEROCALLIS flava. YELLOW DAY LILY. A profusion of large, fragrant yellow lilies during August and September. Grows 3 feet high.

HESPERIS matronalis. SWEET ROCKET. Showy terminal spikes. Pink flowers in June and July. Shrubby habit. 3 to 4 feet.

HEUCHERA sanguinea. Grows but 1½ to 2 feet high and forms a compact tuft of foliage. Spikes loaded with bright coral-red flowers. July and August.

HIBISCUS Moscheutos, var. Crimson Eye. A woody plant often 5 feet in height. It is fond of moist places, although it grows well in drier soils. In September it bears large, single flowers with crimson centers, and pink or white outer petals. It is a beautiful plant in bloom and especially suited for mixed borders.

HOLLYHOCKS. Hollyhocks are so well known that they do not require describing. Their value in perennial borders and for interspersing among shrubbery is realized. We offer the double fringed Allegheny Hollyhocks in assorted colors, also distinct varieties in red, white, pink, maroon and salmon colors. Also a single-flowering variety of yellow color.

HYPERICUM Moserianum. GOLD FLOWER. June until frost. A low, creeping plant, with bright green leaves that make a pretty setting for the golden-yellow flowers. 1 to 1½ feet.

25 cts. each. $2 for 10, $15 per 100.

IBERIS sempervirens. HARDY CANDYTUFT. A dwarf plant with evergreen foliage valued as a ground cover or in a rockery. Pure white flowers in April and May.

IRIS

Sometimes known as "Flags" and often spoken of as "Fleur de Lis." Popular herbaceous plants that come up year after year, and each season stronger and more floriferous than the previous. They grow in clumps and do well in almost any soil; are desirable in borders and shrubbery and are beautiful in beds and groups by themselves, and for planting along water edges. The flowers embrace a variety of colors and innumerable tints of blue, yellow and white. Those of the German forms are not so delicately colored, nor are they so large as the flowers of the Japanese varieties. They bloom the latter part of May and are through flowering the last of June, when the Japanese Iris are brilliant with their wealth of flowers. Both are needed to give a continuous effect from May to July.

GERMAN IRIS (*Iris Germanica*)

15 cts. each, $12.50 for 10, $10 per 100

Adonis. The earliest to flower ; royal purple.
Albino. Pale lavender, tinged with purple.
Britannica. Blush.
Chameleon. Delicate blue.
Charlotte Patty. Golden yellow, lower petals lightly veined with blue.
Chas. Dickens. Upper petals light violet-blue, lower veined and tipped with bluish purple.
Fairy Queen. Upper petals white, lower veined with blue.
Florentina alba. White and fragrant.
Garrick. Upper petals light blue, lower violet-blue.
General Grant. Light chocolate color.
Gigantea. White, fringed with lilac.
Herant. Blue.
Madame de Brabant. Blue.
Othello. Upper petals bronze-yellow, lower purple.
Pallida. The darkest blue we have.
Pauline. Light blue, lower petals slightly darker.
Pecatum. White, fringed with lilac.
Queen of Gypsies. Upper petals chocolate-brown, lower ones bluish yellow.
Violette. Pale blue, lower petals tinted with purple.
William III. Lavender. Distinct and desirable.

JAPANESE IRIS (*Iris Kæmpferi*)

25 cts. each, $2 for 10, $15 per 100

Artus. Lilac.
Doshiska. Bluish white, dark veined.
Emperor. Purple.
Merian. White, striped with blue.
Sultana. Blue petals, splashed with white and light center.
U-ji-no-hoions. White.
White Empress. White, with blue veins.
Yomo-no-umi. A splendid white variety.

IRIS Sibirica. Flowers in May and June on stems about 3 feet long. Bright lilac-blue flowers. Is useful for cutting and good for masses, especially along water edges.
var. alba. White, veined with lilac.
var. orientalis. Rich violet-blue flowers borne in lavish profusion.

LATHYRUS latifolius. Everlasting, or Perennial Pea. Climbs to 8 or 10 feet in height, and produces clusters of large, rosy red, pea-shaped flowers the entire summer. Useful for cutting.

LAVENDULA vera. The Common Lavender. With familiar aromatic foliage and fragrant blue flowers in July and August. 1½ feet.

LIATRIS. Blazing Star, or Gay Feather. During July this plant is aglow with long spikes of rich rosy purple flowers. 4 to 5 feet.

LINUM perenne. Flax. 1½ feet. Graceful foliage. Large, blue and white flowers through the entire season.

LOBELIA cardinalis. Cardinal Flower. From August to October. The bright scarlet flowers are among the most brilliant in the hardy border, growing 2 to 2½ feet high.
var. Queen Victoria. Dark bronzy foliage and brilliant scarlet flowers.
var. syphilitica. A strong grower with light blue flowers.

LYCHNIS Chalcedonica. London Pride. An especially desirable perennial, with brilliant heads of orange-scarlet flowers from July to September. 3 feet high.

LYSIMACHIA nummularia. Creeping Jenny. Valued for planting under trees where grass will not grow.

LYTHRUM roseum superbum. Rose Loosestrife. Valued in all perennial borders and most soils. Grows about 3 feet high, and from July to September is bright with spikes of rose-colored flowers.

MONARDA didyma splendens. Bergamot. Bright scarlet flowers on spikes 2 to 3 feet high during July and August.
var. fistulosa alba. Wild Bergamot. White flowers.

MYOSOTIS palustris. Forget-me-not. Low grower, bearing a profusion of small pale blue flowers all summer. A general favorite.

ŒNOTHERA. Evening Primrose. A showy border plant with different colored flowers that bloom all summer.
var. Fraseri. Beautiful rich yellow.
var. fruticosa major. A wealth of bright flowers throughout the summer.

PAPAVER nudicaule. Iceland Poppy. Cup-shaped flowers, on stems about a foot high, vary in color through different shades of white, yellow and red. The plant makes splendid little tufts of fern-like foliage upon the ground. June to October.
var. orientale, "Mammoth." A gorgeous oriental poppy with large flowers of glowing scarlet borne in May on stems 3 to 4 feet high.

PENTSTEMON barbatus Torreyi. Beard-tongue. Is a showy thing from June to August with spikes 3 to 6 feet high, of brilliant scarlet color.

P. digitalis. A border and rockery plant, with spikes of long purple-white flowers in June and July. Grows 2 to 3 feet high.

P. pubescens. Bright rosy purple. July and August. 1½ feet high.

PEONIES

These old time favorites are being planted more than ever before. Their great flowers are perfectly formed and are often as fragrant and as delicately colored as a rose. They grow best in a rich, deep soil and sunny position, but will thrive in partially

PRICES OF PERENNIAL PLANTS. Except where otherwise noted, the price is 15 cts. each, $1.25 for 10, $10 per 100

PEONIES, continued

shaded places They are admired in all herbaceous borders, for planting among shrubbery, and are valued in beds or groups by themselves. Grow about 2 feet high, and flower in May and June.

Excepting where otherwise noted, the price for strong divisions is 25 cts. each, $2 for 10, $18 per 100

Andre Lauris. Rose ; late to flower.
Auguste Lemmonier. Blood-red, darker shadings.
August Miellez. Rose, center yellow-rose.
Baron de Rothschild. Violet-rose.
Candidissima. Creamy white, center sulphur-yellow.
Decaisne. Claret.
De Lachie. Purplish crimson.
Duchess de Nemours. Sulphur-white ; desirable sort.
Duke of Wellington. White, with creamy center.
Faust. Delicate light pink.
Festiva alba. Creamy white, occasionally spotted with carmine. 35 cts. each, $3 for 10.
Festiva maxima. The largest and finest white variety, with small scarlet flecks in the center of the flower.
General Bertrand. Rose, center salmon-rose.
Grandiflora rosea. Carmine.
Humei alba. Guards flesh, tipped white, blush center. 35 cts. each, $3 for 10.
Jeanne d'Arc. Rose, center sulphur-yellow.
La Tulipe. Flesh pink, shaded to ivory-white.
Louis Van Houtte. Cherry-red, with lighter center.
Madam Breon. Rose-pink, changing to yellow.
Madame Carlot. Light rose, abundant bloomer.
Madame de Verneville. Creamy white with rose center.
Madame Lemoine. Rose ; a fine sort. 35 cts. each, $3 for 10.
Potsii. Deep rose ; late flowering.
Prolifera tricolor. Pinkish white, with darker center.
Raphael. Large, garnet-red.
Rubra Triumphans. Dark carmine, with conspicuous yellow stamens.
Souvenir de L'Exposition universelle. Light cherry. 35 cts. each, $3 for 10.
Van Dyck. Light rose.

PÆONIA OFFICINALIS. These are the old-fashioned favorites which come into bloom about ten days earlier than the other sorts. They are abundant and sure bloomers. We offer both red and white varieties.

P. alba plena, syn., **mutabilis.** White. 20 cts. each, $1.50 for 10, $12 per 100.

P. atrorubra plena. Dark red. 20 cts. each, $1.50 for 10. $12 per 100.

P. Moutan. JAPAN TREE PEONIES, These are dwarf shrubs that flower earlier than the herbaceous Peonies. The flowers are large and beautiful. We offer assorted colors. $1 each, $9 for 10.

P. tenuifolia. The earliest Peonies to bloom. Rich crimson, single flowers in abundance, that are gorgeous as oriental poppies. Grows about 1½ feet high, and has dark, deeply cut odd foliage. 50 cts. each, $4 for 10.

PHLOX

Familiar plants in old dooryards, and valuable in all hardy borders. They grow in any soil, and range in height from 1 to 4 feet, and flower continuously from June until October. The flowers are borne in clusters at the top of each shoot. There is a wide range of colors among them, and we offer an assortment of the most desirable shades.

Prices of all Phlox 15 cts. each, $1.25 for 10, $10 per 100

Adonis. Deep pink, individual flowers smaller ; similar to Aurora Borealis.
Athis. Deep pink. Flower heads not as good as some others.
Aurora Borealis. Orange-red ; good flower head.
Crepuscle. Pale lavender, with light halo in center. Splendidly formed heads, individual flower large.
Faust. White, with pink center, similar to Richard Wallace.
General Brent. White, with pale lavender eye.
Jeanne d'Arc. Pure white, late-flowering.
J. H. Slocum. Dark red, similar to Aurora Borealis.
Lothair. Salmon-red, crimson. Desirable sort.
Ornament. Dwarf grower ; pale pink, with a crimson eye.
Peachblow. Blush.
Rendatler. Magenta.
Richard Wallace. White, with pink center. Familiar old-fashioned kind.

Peonies in bloom. Our stock includes a splendid assortment of the best varieties

Phlox. For mid-summer bloom there is little else that is better. See also opposite page

PHLOX, continued

The Pearl. Pure white, splendid heads. A tall grower and desirable sort.

Phlox subulata. MOSS, or MOUNTAIN PINK. A low-growing, half-creeping evergreen, that is buried in very early spring beneath a multitude of little flowers. It is a splendid thing for a ground cover in barren places, for rockeries, graves and bedding. 15 cts. each, $1 for 10, $8 per 100.
var. alba. White.
var. rosea. Bright rose color.

PHYSOSTEGIA Virginica. A splendid summer-flowering perennial with long spikes of showy soft pink flowers, valued for bouquets. 4 feet.
var. denticulata. Flower-spikes more loosely covered with bloom than the above. 2 to 3 feet.

PLATYCODON grandiflora. BALLOON-FLOWER, or CHINESE BELLFLOWER. Resembles the campanula in appearance, and blooms continuously from June until October. Grows about 2 feet high. The flowers are 1 to 1½ inches across. Usually a deep blue, sometimes white.

PRIMULA elatior. OXLIP. Low-growing, free-flowering with yellow blossoms in early spring.

P. veris. ENGLISH COWSLIP. A favorite, low-growing plant, whose flowers include a wide range of colors. We offer a fine strain.

P. vulgaris. ENGLISH PRIMROSE. Fragrant, canary-yellow.

PYRETHRUM hybridum. June. Flowers resemble asters and vary in color from white to shades of pink, red and purple. Feathery foliage. 3 ft.

P. uliginosum. GIANT DAISY. Large white daisy-like flowers from July to September. 4 to 5 feet.

RUDBECKIA. GOLDEN GLOW. From July to September the tall, swaying stems are aglow with golden yellow dahlia-like flowers.

R. Newmani. July to October. Fine for cutting. Orange-yellow flowers. 3 feet.

SALVIA azurea. MEADOW SAGE. A Rocky mountain species that grows about 3 feet high and produces sky-blue flowers in late summer.

SAPONARIA caucasica flore pleno. BOUNCING BET. White flowers all summer and fall.

SEDUM spectabile. BRILLIANT STONECROP. A stout, heavy-looking plant with broad, oval, light green leaves; rose-colored flowers.

STOKESIA cyanea. Familiarly known as the Cornflower Aster. Grows 18 to 24 inches high, and from July until October it bears large double lavender-blue flowers.

SYMPHYANDRA Hoffmanni. Drooping campanula-like white flowers in July and August. 2 ft.

TRITOMA Pfitzerii. The everblooming Flame Flower, or Red Hot Poker, grows 3 to 4 feet high, and sends up stiff stems of orange-scarlet flowers.

TROLLIUS Europæus. GLOBE FLOWER. Bright yellow flowers that resemble buttercups on stems about 2 feet high from May until August. Good for the flower-border or for partially shaded, well-drained places.

TUNICA saxifraga. A low border or rockery plant, that bears light pink flowers all summer.

VERONICA spicata. SPEEDWELL. Continuously through the summer this plant, about 18 inches high, produces spikes of bright blue flowers.

PRICES OF PERENNIAL PLANTS. Except where otherwise noted, the price is 15 cts. each, $1.25 for 10, $10 per 100

Hardy Fruits

APPLES

Strong selected trees, 35c. ea., $3 for 10, $25 per 100

EARLY APPLES

Early Harvest (**Yellow Harvest**). Yellow, tender and of fine flavor.

Fourth of July. Medium size. White, yellow and red striped; flesh white.

Red Astrachan. Very early; crimson, streaked with yellow; juicy.

Townsend. Red striped; good for eating or cooking.

Williams Early Red (**Williams Favorite**). Large, oblong, red, rich and excellent. A good bearer.

Yellow Transparent Pale yellow when ripe; flesh tender, juicy and good.

AUTUMN APPLES

Fameuse (**Snow Apple**) Deep crimson; flesh snowy white.

Fall Pippin. Large; yellow; rich and delicious. Good bearer.

Gravenstein. Large; yellow, striped with red. Among the best.

Maiden Blush. Yellow with red cheek. Fine for cooking.

Oldenburg (**Duchess of Oldenburg**). Streaked with red and yellow; tender and juicy. Good for cooking.

Smokehouse. Crisp and juicy. A good eating variety.

Wealthy. White, yellow and red stripe; flesh white.

WINTER APPLES

American Golden Russet (**Sheepnose**). High flavored and spicy. Profuse bearer and good keeper.

Bismarck. Yellow; flesh tender. Bears when young and is very hardy.

Baldwin. Large, deep red; productive and desirable.

Bellefleur. Large, yellow, with red cheek; juicy and splendid for eating.

Ben Davis (**New York Pippin**). Bright red and juicy. Valued for commercial purposes.

Dominie (**Wells of Ohio**). Red and yellow striped. A good bearer.

Grimes Golden. Fine grained and rich flavor.

Jonathan. Yellow and red striped; flesh white.

King of Tompkins County. Large red; productive and good for cooking or eating.

McIntosh. Yellow streaked crimson. Tender and juicy.

Nero. Red; very productive.

Northern Spy. Pale yellow, striped with red. Good keeper and a splendid Apple of excellent flavor.

Seek No Further (**Westfield**). Tender and of rich flavor. Medium size.

Smith's Cider. Popular, late-keeping red Apple; prolific bearer.

Stamen Winesap. Larger and more prolific than the common Winesap.

Sutton Beauty. Yellow striped with crimson. Subacid. A good market variety.

Wagner. Red; flesh firm.

Winesap. A fine red winter Apple that is productive.

York Imperial. Large red Apple of agreeable flavor.

DWARF APPLES

35 cents each, $3 for 10, $25 per 100

Their habit suits them particularily for small yards and limited areas. Their fruit is similar in quality to the standard sorts. They commence bearing much younger.

Baldwin
McIntosh
Yellow Transparent
Northern Spy
Wealthy

CRAB APPLES

35 cents each, $3 for 10

Hyslop. Beautiful in flower; large dark crimson fruit.

Martha. Yellow, shaded with red. A prolific bearer.

Transcendent. Sept. Large, yellow and red; productive.

Yellow Siberian (**Golden Beauty**). Small; golden yellow. September.

APRICOTS

50 cts. each, $4 per 10

Harris. Large, golden yellow fruits. Early in July.

Moorpark. First of August. Firm, juicy; fruit of darker color than the above.

Nicholas. Agreeable flavor, prolific bearer. July.

CHERRIES

Strong, selected trees, 60 cts. each, $5 for 10, $40 per 100

Black Eagle. Large, black; tender and highly flavored.

Black Tartarian. Big, dark red or black Cherry; of splendid flavor.

Downer's Late Red. Sweet and delicious. Not liable to rot in wet weather.

Early Richmond. A very productive pie or sour Cherry that is prized for cooking and preserving.

English Morello. A late red, sour variety that is valued for culinary purposes.

Governor Wood. Large white Cherry, shaded with red; sweet and delicious.

Mercer. Dark red, sweet; good shipper and not liable to be wormy.

Montmorency. Large, red, tart fruit; very prolific and desirable.

Napoleon. A large, sweet, white Cherry with red cheeks.

Schmidt's Bigarreau. Large, dark color; fine rich flavor.

Windsor. Large, dark red, late and sweet.

Yellow Spanish. Yellow with red cheek. Firm, juicy and delicious.

MULBERRIES

For prices and descriptions, see page 32.

NECTARINES

50 cts. each, $4 for 10

Downton. White, with red cheek; highly flavored.

PEACHES

Strong, selected trees, 25 cts. each, $2 for 10, $15 per 100

Alexander. July and August. Greenish white, spotted with deep red; firm, sweet and juicy; clingstone; very productive.

Belle of Georgia. August and September. Freestone; white; excellent flavor.

Chairs' Choice. August. Yellow, good quality, freestone.

Champion. August. Firm, white, freestone Peach that is rich, sweet and juicy.

Crawford's Early. August and September. A large, yellow Peach of splendid quality; strong grower and prolific fruiter.

Crawford's Late. Last of September. Large, yellow freestone. Peach of best quality. A prolific bearer and a most popular variety.

Crosby. September. Medium-sized, yellow with streaks of carmine; of good quality and hardiest variety known.

PEACHES, continued

Elberta. September. A very large, yellow freestone Peach, that is rich, sweet and juicy. A vigorous grower and splendid sort for eating or preserving.

Ford's Late. White. October, freestone. Very productive. Good flavor.

Fox Seedling. September. Reliable freestone; good bearing and market variety.

Globe. October. Large, golden yellow, with red cheek, sweet and luscious flavor; a desirable freestone variety.

Lemon Cling. September. Large; yellow; rich flavor; excellent for preserving.

Mountain Rose. August. Large, red freestone Peach, with white flesh. Rich, juicy and sweet. One of the best early varieties.

Morris White. September. Firm, medium size, white, sweet and juicy.

Oldmixon Free. September. Large, yellowish white, freestone, of excellent flavor and productive.

Reeves' Favorite. September. Large, yellow, with fine, red cheek; delicious, juicy; splendid sort.

Stephen's Rareripe. September. Large, handsome white Peach of finest quality; a regular bearer.

Stump the World. September. Large freestone; white, with red cheek; firm, juicy and excellent quality.

White Heath. Cling. Last of September. Greenish white. Luscious flavor.

PEARS

Strong selected trees, 50c. ea., $4 for 10, $35 per 100

SUMMER PEARS

Bartlett. September. A popular variety with large, yellow fruit; sweet and juicy. Excellent for eating or preserving. A prolific bearer and a strong grower.

Clapp's Favorite. September. Large, pale yellow with crimson cheek; fruit fine-grained and good for eating. Should be picked early and ripened indoors.

Doyune d'Ete. July. Yellow, shaded red.

Koonce. July. Yellow fruit; good quality.

Osband's Summer. August. Medium-sized,; yellow, with reddish brown cheek.

Wilder. August and September. Yellow, fine-grained and probably the best early market variety.

AUTUMN PEARS

Beurre d'Anjou. Late October. Large, russet-yellow; excellent flavor and a prolific bearer.

Beurre Bosc. September and October. Large, russet, highly flavored and delicious.

Flemish Beauty. September and October. Large, greenish yellow, sweet and juicy.

Louise Bonne de Jersey. Late September. Large, yellow with dark red cheek; good-tasted.

Manning's Elizabeth. August. Medium size, excellent flavor and very productive.

Seckel. September and October. A little brown Pear, exceptionally sweet and juicy.

Sheldon. October. Large, russet and red; rich, melting and juicy; fine flavor.

Worden-Seckel. September and October. Resembles the old-fashioned Seckel Pear; is equally good and large.

WINTER PEARS

Beurre Clairgeau. September. Large, yellow, shaded with crimson, juicy and sweet-flavored.

Duchesse de Bordeaux. Large, yellow, with russet cheek, sweet and good keeper.

Kieffer. Very vigorous and productive, even when young; fruit large and yellow; a good keeper.

Lawrence. November. Rather large, yellow Pear, of splendid rich flavor.

DWARF PEARS

35 cts. each, $3 for 10, $25 per 100

Bartlett. September. Familiar large, yellow Pear, that is splendid for eating or cooking.

Duchesse d'Angouleme. October. Large, greenish yellow Pear; rich and juicy; desirable sort.

Louise Bonne de Jersey. October. Large, greenish yellow with red cheeks; juicy and good-tasted.

Seckel. September and October. A little brown Pear exceptionally sweet and juicy; delicious for eating.

PERSIMMONS

American. Our native species which bears so abundantly, 75 cts. each, $5 for 10.

PLUMS

35 cents each, $3 for 10, $25 per 100

Bradshaw. August. Large red; valuable for market.

German Prune. September. Dark purple, agreeable flavor and valued for drying.

Gueii. Late August. Large blue fruit; flesh yellow, sweet and pleasant. Good freestone variety.

Imperial Gage. Middle of August. Good size, freestone; greenish in color, sweet and juicy.

Lombard. Last of August. Violet-red, yellow flesh, agreeable flavor, vigorous and bountiful fruiter.

Reine Claude (Bavay's Green Gage). Late September. Greenish with red cheek. Yellow, juicy flesh.

Shippers' Pride. Large, bluish purple, good tasted and valuable commercial sort.

Shropshire Damson. Last of September. Medium-sized, dark purple variety, valued for preserving.

Yellow Gage. August. Medium-sized; yellow, rich and juicy.

JAPAN PLUMS

Abundance. August. Large red, yellow flesh; sweet and rich. Valued for cooking and eating.

Burbank. August. Good-sized, red; valuable domestic sort. Flesh sweet, rich and yellow.

October Purple (Purple Egg). Large, purple; flesh yellow and sweet.

Satsuma. August. Good quality, vigorous habit; purple and red.

Wickson. September. Dark red, good size, agreeable flavor; very productive.

QUINCES

50 cents each, $4 for 10, $35 per 100

Champion. October. Large and productive; splendid for cooking and a good keeper.

Meeches' Prolific. Productive, large yellow, and one of the best for domestic purposes.

Orange, or Apple. September. Large, handsome fruit of good quality. A popular sort.

Reas Mammoth. Large and productive; by many considered the best in cultivation.

Small Fruits

BLACKBERRIES

50 cents for 10, $3 per 100

Eldorado. Sweet; melting and rich; good bearer.

Erie Early, hardy and productive. Large, sweet fruit of excellent quality.

Lawton. A productive, good variety.

Rathbun. Heavy bearer; extra-large, of good quality.

Snyder. Berries medium-sized, sweet and good. Wonderfully productive.

CURRANTS

$1 for 10, $7 per 100

Black Naples. A black-fruited variety. Excellent for jellies.

Cherry. Large, scarlet, of excellent quality; productive.

Fay's Prolific. Large, deep red. Good commercial variety.

Pomona. Bright red, good keeper, few seeds, nice quality.

Versailles. Large, red, and of excellent quality; fine bunches.

White Grape. White; sweet, and good for table use.

DEWBERRY

50 cts. for 10, $2 per 100

Lucretia. A trailing vine whose berries are similar but sweeter than a blackberry.

GOOSEBERRIES

Chautauqua. Large, pale green and desirable. $2 for 10, $15 per 100.

Downing. Very large; whitish green; excellent for domestic use. $1.50 for 10, $10 per 100.

Industry. Dark red; excellent sort; very productive. $1.75 for 10, $12 per 100.

Smith's Improved. Yellow, sweet and good. $1.50 for 10, $10 per 100.

GRAPES

Selected, 2-year vines; 15 cts. each, $1.25 for 10, $10 per 100

Agawam. Red; large, sweet and desirable.

Brighton. Fine tasted, excellent quality, red variety.

Campbell's Early. Black, large bunches; good quality.

Catawba. Late red, medium-sized, productive, sweet variety.

Concord. Blue, familiar sort that produces large bunches of berries of delicious flavor.

Delaware. Red, small, compact bunches of delicious fruit.

Moore's Early. Black, very early; in other respects similar to Concord.

Niagara. White, large, compact bunches; sweet, delicious flavor.

Pocklington. White, large clusters, big fruit.

Wilder. Black, large bunches; berries sweet and tender.

Worden. Black, large clusters, big grapes; sweet, agreeable flavor.

RASPBERRIES

75 cts. for 10, $4 per 100

Cuthbert. Late red; large, firm, sweet and luscious.

Golden Queen. Yellow fruit; in other respects similar to Cuthbert.

Gregg. Large; early black variety of splendid quality.

Loudon. A moderately early red sort with fruit of excellent quality.

Marlboro. Handsome red berry of good quality.

STRAWBERRIES

$1.50 per 100, $6 per 1,000

EARLY

Crescent. Very productive and stands hardships; smaller fruit of fair quality.

Early Hathaway. New. Large fruit of good quality.

Marshall. Large and early.

MIDSUMMER

†Bubach. Very large and productive; quality fair.

Clyde. Very fruitful, small berry; bright red in color and very showy.

McKinley. Large, firm, sweet and desirable new sort.

†Sample. Good quality, large berry; valuable for extending the season.

†Warfield. Enormously productive, medium-sized, good quality.

LATE

Aroma. Popular, large; excellent quality.

Brandywine. Reliable, medium-sized; sweet berry.

Gandy Popular late sort, of desirable qualities. Is very profitable in some sections.

Haverland. Firm berry of good quality.

Nick Ohmer. A fine sort with large berries of delicious flavor.

†Varieties with imperfect flowers that should be planted near perfect varieties.

Vegetable Roots and Plants

ASPARAGUS. Strong 2-year roots, $1 per 100, $6 per 1,000.

Barr's Mammoth. Large, green variety that is a strong grower; splendid market sort.

Columbian Mammoth. A vigorous grower of excellent quality with white shoots.

Conover's Colossal. Mammoth shoots of quick and vigorous growth. A profitable market variety.

Donald's Elmira. Large, tender, green shoots of good quality.

Palmetto. Claimed to be better than Conover's Colossal, as it yields a heavier crop that is equally desirable.

HOP VINES. 15 cts. each, $1 for 10.

HORSE-RADISH. 25c. for 10, $1 per 100, $6 per 1,000.

RHUBARB, or PIE PLANT. 75c. for 10, $5 per 100.

Nuts

CHESTNUTS, American Sweet. Our native sort. 75 cts. each, $6 for 10

Paragon. Large nuts, of good quality; prolific bearer. $1.50 each, $12 for 10

FILBERT, English. Nuts large and of good flavor.

4 to 5 ft. . . 50 cts. each, $4 for 10, $30 per 100

Named Varieties. Fruit larger and of better quality.

	Each	10
2 to 3 ft.	$0 50	$4 00
3 to 4 ft.	75	5 00

PECAN, Paper Shell. Oblong, sweet nuts of good quality. 75 cts. each, $6 for 10

WHITE WALNUT, or Butternut.

8 to 10 ft. . . $1 each, $7.50 for 10, $70 per 100

Walnut, Black. Well-known native; a grand tree which is very ornamental; useful for the abundance of nuts that it bears.

	Each	10	100
4 to 6 ft.	$0 75	$6 00	$50 00
6 to 8 ft.	1 00	8 00	75 00

English. The thin-shelled variety, which is sold at the fruit-stands.

	Each	10	100
3 to 4 ft.	$0 75	$6 00	$50 00
4 to 6 ft.	1 00	8 00	75 00

Japan; syn., Sieboldii. Sweet, thin shell.

6 to 8 ft. . . . . $1 each, $7.50 for 10

var. cordifolius. Sweet and equally as desirable as the above. Nut fatter in appearance.

6 to 8 ft. . . . . $1 each

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J. Horace McFarland Co., Mt. Pleasant Press, Harrisburg, Pa.

Many places have opportunity for such beautiful, though inexpensive flower gardens as this

THE WM. H. MOON COMPANY

Glenwood Nurseries
MORRISVILLE, PENNSYLVANIA

MOON'S

HARDY TREES AND PLANTS

FOR EVERY PLACE AND PURPOSE

THE WM. H. MOON COMPANY
MORRISVILLE, PENNSYLVANIA
PHILADELPHIA OFFICE, 616 STEPHEN GIRARD BUILDING

FOREWORD

THERE has been a revolution in the nursery business since those days when trees were planted closely together and left until sold, or more often until worthless from crowding and neglect.

We may be pardoned for our pride in the part we have taken in changing the old order; for at Glenwood each tree is given ample space for its symmetrical development. Thorough cultivation is practiced, abundant fertilizer is used, and every means that will encourage a strong, vigorous growth employed. And special care is exercised in digging, packing and grading our products to a high-quality standard.

In the rush of business we sometimes make mistakes, and when we do you will find us willing to correct them. While we do not guarantee our stock to grow, we will, when satisfactory explanation of failure is given, allow concessions to any one that may have suffered an undue proportion of loss with our products.

In purchasing trees and shrubbery, considerations like these count for more than mere economy in price, when obtained at the sacrifice of quality; for weak, inferior or diseased nursery stock means not only loss of money and loss of time in getting results, but disappointment and the danger of contamination to plants you may already have.

Upon the quality of our product and upon the policy of a "square deal" our modest little nursery of thirty-eight years ago has increased to 400 acres in extent, and now contains almost 2,500 varieties of hardy trees and plants for every place and purpose. An assortment of this size, with the other advantages mentioned, appeals to the purchaser of choice ornamental nursery stock, and we invite you to remember **Moon's Trees** when wanting anything in our line.

THE WM. H. MOON COMPANY
Glenwood Nurseries Morrisville, Pa.

James M. Moon, President
Henry W. Comfort, Vice-President
Wm. H. Moon, General Manager and Treasurer
Philadelphia Office: 616 Stephen Girard Building, 21 S. Twelfth Street

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Successful Landscape Planting

IN planting a new lawn or in remodeling an old one, it is best to have an expert acquainted with trees and plants to help in arranging them in the most artistic and effective way. Let us, who have had so much experience in planting lawns, assist you in making yours. You will get better results for the money expended and will be saved the expense and disappointment of planting things unsuited for your location and soil.

The groupings of flowers and shrubbery, or the location of trees, must be placed so that they will produce a harmonious whole that makes the lawn abound in interest and beauty. At the same time, they must fulfill their mission of giving shade or hiding from view some unsightly object, framing some vista with foliage, making a display of flowers, and enhancing the beauty of the place to the owner's satisfaction.

Consult us about planting plans that will help you to get such results. We solicit correspondence with all who contemplate improving and beautifying their grounds, whether it be on the lawn of the modest home or on the larger estates.

THE WM. H. MOON COMPANY

Landscape Department

21 South Twelfth Street, Philadelphia, Pa.

Nurseries at Morrisville, Pa.

CONIFEROUS EVERGREENS

Here's what " Moon's Evergreens " have done. We can produce results like this almost immediately.

EVERGREENS are our great specialty. The soil in our nurseries is splendidly suited to their growth, making possible the production of the best root systems, which minimizes the likelihood of loss from transplanting.

Evergreens are much desired for specimen lawn trees; they are also extensively used for massing, shelter-belts, screens, hedges, etc., while the taller varieties form perfect backgrounds for the showy flowering shrubs and trees of early Spring, the berries of Autumn, the bright bark and twigs of Winter, or the light green, golden or silver-blue growths of smaller evergreens.

Besides the smaller grades, we have hundreds of large, handsome specimens, 12 to 20 feet high, which we have been years in raising. These will give at once the results purchasers would otherwise be a long while in obtaining. Especially are our specimens of Norway Spruce (Picea excelsa) and Green, Golden and Silver Retinosporas (Retinospora plumosa, R. plumosa aurea and R. squarrosa) desirable for the immediate effect they will produce.

Varieties marked (L) usually attain at maturity a height of 60 feet. (M) signifies from 30 to 60 feet. (S) from 10 to 30 feet. (D) 4 to 10 feet. (VD) below 4 feet.

The entrance to " Glenwood." The planting of Evergreens at the base of the wall was but three weeks old when photographed. We will supply a similar planting for both sides the gateway at a cost of $64.00.

The bank of Evergreens here shown against a terrace wall was supplied and planted by us. Their beauty of foliage persists the year round.

ABIES. THE FIRS

THE Firs are mostly quick-growing, hardy evergreens that are useful in producing natural and wooded effects, as well as in the more attractive decorations of parks and lawns. They mature rapidly, and on this account are valuable for planting in connection with slow-growing, longer-lived trees, because they give the prompt effect and are ready to give place to the slow-growing permanent trees when they mature. The soft, deep green needles of most varieties are fragrant with balsamic odors. Much used for grouping, specimens, wind-breaks and hedging.

Abies balsamea. BALSAM FIR. (M). An ornamental native of our forests that is very hardy; has dark green needles of pleasant fragrance; grows rapidly when young, and does well in moist soils.

	Each	10
2 to 3 ft.	$1 50	$12 50

A. Canadensis. HEMLOCK SPRUCE. (See Tsuga Canadensis, page 15.)

A. Cephalonica. CEPHALONIAN FIR. (M) Grecian tree, similar to Nordman's Fir.

	Each
3 to 5 ft.	$2 50 to $5 00
6 to 8 ft. specimens	15 00 to 25 00

var. Apollinis. (M) Also similar to Nordman's Fir.

	Each
6 to 10 ft.	$15 00 to $30 00

A. concolor. WHITE FIR. (L)

	Each	10
2 to 2½ ft.	$2 00	$17 50
3 to 3½ ft.	3 50	

A. excelsa. NORWAY SPRUCE. (See Picea excelsa, page 7.)

A. firma. JAPANESE SILVER FIR. (M) Odd and rare. Dark lustrous needles.

	Each
10 to 12 ft.	$10 00

DOUBLE BALSAM FIR. A. Fraseri. (L) Similar to the well-known Balsam Fir, but of finer habit, with darker foliage and of longer life; quick growing; desirable.

	Each	10	100
3 to 4 ft.	$1 50	$12 50	$110 00
4 to 5 ft.	2 50	20 00	175 00

Abies nobilis, var. glauca. NOBLE SILVER FIR. (L)

	Each
2 to 2½ ft.	$2 50

Nordman's Fir

A. Nordmaniana. NORDMAN'S FIR. (L) Thick, dense tree of fine proportions. Needles are wide, dark green and lustrous, with a silvery undersurface that sparkles in the sun. This is one of the prettiest and best evergreens that we offer. It is handsome as a specimen or for grouping.

	Each
5 to 6 ft.	$6 00 to $10 00
6 to 8 ft.	10 00 to 15 00
8 to 10 ft.	15 00 to 25 00

A. pectinata. EUROPEAN SILVER FIR. (L) Of rapid growth and upright habit. Admired for the glossy dark green needles that are silvery white beneath.

	Each
6 to 8 ft.	$5 00 to $7 50
8 to 10 ft.	7 50 to 10 00

A. Veitchii. (L). A magnificent tree of splendid habit. The needles are dark lustrous green above and silvery white beneath. Hardy and a good grower.

	Each
2 to 2½ ft.	$1 50
5 to 7 ft.	$5 00 to 7 50

Biotas, or Chinese Arborvitæ

These Arborvitæs, introduced from the Orient, have proven to be strong growers and handsome specimens. North of New York City they should be planted in sheltered places.

Biota Orientalis. Chinese Arborvitæ. (S) Deep green, soft feathery foliage and pyramidal habit.

	Each	10
2 to 3 ft.	$0 75	$6 00
3 to 4 ft.	1 00	8 00

var. aurea. Golden Chinese Arborvitæ. (D) A dense, compact dwarf variety.

	Each	10
1½ to 2 ft.	$1 75	$15 00

var. aurea nana. Berckman's Golden Arborvitæ. (D) Splendid dwarf golden sort.

	Each	10
1 to 1¼ ft.	$1 25	$10 00

var. elegantissima. Rollinson's Golden Arborvitæ. (S) A golden pyramidal form, of splendid habit and beauty.

	Each	10
2 to 2½ ft.	$2 00	$17 50

Cedrus. Cedars

These are the true Cedars. They are not entirely hardy north of Philadelphia, excepting in sheltered positions. They grow into beautiful trees, and where possible, we recommend their more general use.

Cedrus Atlantica. (S) Mt. Atlas Cedar. Needles somewhat resemble a larch.

	Each
2 to 2½ ft.	$1 50
3 to 4 ft.	2 00

Cedrus Atlantica, var. glauca. Mt. Atlas Silver Cedar. (S) Similar to above, with very attractive, light bluish foliage.

	Each
5 to 8 ft. specimens	$5 00 to $7 50

C. Deodara. Deodar, or Indian Cedar. (S) The branches are drooping and graceful, with a silvery light blue foliage.

	Each
2 to 3 ft.	$2 00

Cephalotaxus. Oriental Yews

Low-growing evergreens, with dark lustrous green foliage. Hardy north of Philadelphia in sheltered places only.

Cephalotaxus drupacea. Large-Fruited Yew. Forms a round, compact tree, that seldom reaches over 8 feet.

	Each
1½ to 2 ft.	$2 00
2 to 2½ ft. x 3 to 4 ft.	3 50

C. Fortunei. Chinese Yew. More erect than the above.

	Each
1½ to 2 ft. x 2 ft.	$2 00
5 to 6 ft.	$5 00 to 8 00

Cupressus. Cypress

Cupressus Lawsoniana. Lawson's Cypress. (S) Drooping branches, soft, dark green foliage. Splendid for Southern use.

	Each
2 to 3 ft.	$1 00

One of the display plantings at our Nurseries; showing the wide range of foliage and color which Evergreens possess. The plants here illustrated are for sale.

Our trees are used on this estate. Note the bed of Junipers in the foreground; Douglas Dwarf Golden Juniper, Savin Juniper and other low kinds will make similar effects.

JUNIPERUS. The Junipers and Cedars

A GROUP remarkable for the varied forms it embraces. Trees of medium height down to the smallest dwarfs are included here, while different green, yellow and silvery hues characterize the foliage. Junipers possess remarkable vigor, and thrive in bleak and barren situations; in poor, stony soils; in low, damp ground; at the seashore, or almost anywhere. The columnar forms are valued for formal effects, or to break the monotonous outline of other trees; the trailing ones for rocky slopes and sand-banks. Also used in groups, borders and for individual planting.

Juniperus Canadensis. (VD) Spreading, open habit. Glaucous green foliage.

	Each
1¼ to 1½ ft.	$1 50

Douglas Dwarf Golden Juniper

var. aurea; syn. Douglasii. Douglas Dwarf Golden Juniper. (VD) A low, spreading form, with golden yellow foliage, that turns a beautiful bronze in Winter. It is very showy as an edging, and beautiful in groups and rockeries, or wherever a hardy little golden evergreen is needed.

	Each	10	100
1 to 1¼ ft. x 1 to 1½ ft.,	$1 00	$8 50	$70 00
1¼ to 1½ ft. x 20 to 30 in.,	1 75	15 00	125 00
1½ to 2 ft. x 1½ to 2 ft.	2 00	17 50	150 00

J. Chinensis, var. aurea. Golden Chinese Juniper. (D) Erect habit. Pronounced golden color all the year.

	Each
3 to 4 ft.	$3 50

var. procumbens. Trailing Juniper. (VD) Low, spreading form, well suited for natural and rock planting.

	Each	10
1 to 1½ ft. x 1¼ to 1½ ft.	$1 00	$7 50

J. communis. (D) Erect form, grayish-green foliage.

	Each	10
3 to 3½ ft.	$1 50	$12 50

Juniperus communis, var. nana; syn. Alpina. (VD) Trailing form.

	Each	10
1 to 1½ ft. x 1 to 1½ ft.	$1 00	$8 00

var. Hibernica. Irish Juniper. (S) A slender, columnar form, with glaucous green foliage.

	Each	10	100
1½ to 2 ft.	$0 50	$3 50	$25 00
2 to 2½ ft.	75	5 00	45 00
3½ to 4 ft.	2 00	15 00	

PYRAMIDAL JUNIPER. var. pyramidalis. (S) Similar in habit to the above, but a taller and more rapid grower; less dense, lighter color, and valued more for formal work; also for grouping with other evergreens, to contrast habit and color.

	Each	10	100
4 to 5 ft.	$1 50	$12 50	$100 00

var. Suecica. Swedish Juniper. (S) Closely resembles J. Hibernica.

	Each	10
2 to 2½ ft.	$1 00	$7 50

J. Japonica. Japanese Juniper. (D) A half-erect, half-prostrate form, with soft, glaucous, light green foliage.

	Each	10
2½ to 3 ft.	$2 50	$22 50
6 to 7 ft. specimens	10 00	

J. Pfitzeriana. A novelty of low growth and attractive green color.

	Each
2 ft.	$1 50

SAVIN JUNIPER. J. Sabina. (VD) Another spreading form, with deep dark green foliage. Very valuable for rockeries, grouping and borders, making a pleasant contrast to other low-growing trees.

	Each	10	100
1½ to 2 ft.	$1 50	$12 50	$100 00
2 to 2½ ft.	2 00	17 50	150 00

var. tamariscifolia. (D) A beautiful plant, with delicate, bluish-green foliage.

	Each
3½ to 4 ft. specimens	$10 00 to $12 00

var. Waukegan. (D) A native, low-growing form.

	Each
1½ to 2 ft.	$1 00

Juniperus Virginiana. RED CEDAR. (M) The upright habit, the sombre hue of its foliage and the freedom with which it grows in unfertile places are valuable qualities.

	Each	10
7 to 8 ft.	$3 50	$32 50

var. elegantissima. (M) An odd golden form of the above.

	Each	10
2 to 3 ft.	$2 00	
3 to 4 ft.	3 00	$25 00

var. glauca. BLUE VIRGINIA CEDAR. Similar to the above. Beautiful blue, glaucous foliage.

	Each
4 to 5 ft.	$3 00

PICEA. SPRUCES

PROBABLY better known and more largely planted than any other family of evergreens. The Spruces are hardy, rapid-growing, reliable in almost any location. They mature quickly, and live to a good old age. They make beautiful trees when planted individually, and in groups and collections they are just as effective.

WHITE SPRUCE. Picea alba. (L) Blue-grayish needles; otherwise similar to the more familiar Norway Spruce or Picea excelsa. Especially suited for coast and New England planting.

	Each	10	100
1 to 1½ ft.	$0 50	$3 50	$25 00
2½ to 3 ft.	1 50	12 50	100 00
3 to 4 ft.	2 50	20 00	
4 to 5 ft.	3 50	30 00	

var. aurea. GOLDEN SPRUCE. (S)

	Each
6 to 8 ft.	$8 00 to $12 00

var. coerulea. (M) Similar to the better known White Spruce.

	Each
2 to 2½ ft.	$1 50

Picea alba, var. nana. DWARF WHITE SPRUCE. (VD)

	Each
1½ to 2 ft.	$1 50

P. Alcockiana. ALCOCK'S SPRUCE. (M) Needles dark green above, silvery blue beneath.

	Each
1½ to 2 ft.	$1 50

P. Englemani. ENGLEMAN'S SPRUCE. (M) Similar to the familiar Blue Spruce.

	Each
3 to 4 ft.	$3 00 to $4 00
5 to 8 ft.	12 00 to 25 00

Less than a year ago the site here shown looked out upon an ugly view beyond. Our large Norway Spruce and other big Evergreens were planted, and the result shown is immediate, for this photograph was taken but a few weeks after. Why wait years when our big trees give such results at once?

The smaller Spruce shown in detail represents the splendid quality of our regular stock. These sizes are well adapted for screens, hedges, wind-breaks or for individual planting.

Between the front porch and corner of the house there is often a bare, ugly spot. One of our customers overcame this difficulty by planting a few Evergreens that were attractive the year round, and in front of them some German Iris (page 72), which gave an added interest to the planting when they bloomed in May; and all of this at a cost of $12.00 for plants.

Norway Spruce

Picea excelsa. NORWAY SPRUCE. (L) This familiar Spruce is more generally useful than any of the others. It is a rapid grower; does well in moist soils, and withstands the bleak, cold winds of Winter. If left untrimmed, they spread out magnificently and make desirable specimens. They make splendid wind-breaks and shelter-belts. If planted as hedges and sheared, they become impenetrable and as good for this purpose as any evergreen. It is also the cheapest.

		Each	10	100
1½ to 2 ft.		$0 50	$3 50	$25 00
4 to 5 ft.		1 50	12 50	100 00
5 to 6 ft.	Especially fine and bushy.	4 00	35 00	300 00
6 to 7 ft.		5 00	45 00	400 00
7 to 8 ft.		6 00	55 00	500 00

	Each
10 to 12 ft.	$10 00 to $15 00
12 to 16 ft.	15 00 to 20 00
16 to 20 ft.	20 00 to 25 00
20 to 24 ft.	25 00 to 30 00

var. conica. (D) Dwarf, cone-shaped form.

	Each
3½ to 4 ft.	$3 50

var. elata. (D) TIGER TAIL SPRUCE. Grotesque form, with long, slender, awkward branches.

	Each
4 to 6 ft.	$3 00

var. Gregoriana. GREGORY SPRUCE. Low, dense and compact form.

	Each	10
1 to 1½ ft.	$1 50	$12 50
2 to 2½ ft. x 2 to 3 ft.	3 50	

var. inverta. INVERTED SPRUCE. (S) The lateral branches sprawl about in grotesque, contorted forms. Extremely odd.

	Each	10
2½ to 3 ft.	$2 50	$22 50
4 to 5 ft.	4 00	35 00

	Each
5 to 6 ft.	$5 00 to $6 00
6 to 7 ft.	6 00 to 8 00
7 to 8 ft.	7 50 to 10 00

var. parviformis. (D) A dwarf form, similar to var. Remontii.

	Each
2 to 2½ ft.	$2 00

var. pyramidalis. PYRAMIDAL SPRUCE. (M) Foliage similar to Picea excelsa. The narrow, erect habit suits it for individual and formal planting.

	Each	10
2½ to 3 ft.	$2 00	$17 50
4 to 5 ft.	3 00	

var. Remontii. REMONT'S SPRUCE. (VD) Dwarf, compact variety; dark green foliage.

	Each
1 to 1½ ft.	$1 50

Eastern Spruce

P. Orientalis. EASTERN SPRUCE. (S) Short, lustrous dark green needles of finer texture than those of the Norway Spruce, which it resembles. Its habit is symmetrical and compact, forming a shapely, pyramidal tree. It is hardy, and one of our best evergreens for groups and specimens. It should be more generally planted.

	Each	10	100
2 to 2½ ft.	$2 00	$17 50	$150 00
3 to 3½ ft., splendid stock,	3 00	27 50	250 00
3½ to 4 ft., splendid stock,	3 50	32 50	300 00
4 to 5 ft.	4 00	37 50	

	Each
5 to 6 ft.	$5 00 to $7 50
6 to 7 ft.	7 50 to 10 00

Picea Polita. (M) Rigid, spiny needles. Desirable for individual planting.

	Each
2 to 2½ ft.	$2 00

COLORADO SPRUCE. P. pungens. (M) The original form of the now famous Colorado Blue Spruce. The foliage of this tree is occasionally quite blue, but mostly a light green. It is a strong, hardy grower in almost any soil, and makes an ornamental tree of great beauty.

	Each	10	100
2 to 2½ ft.	$2 00	$17 50	$150 00
2½ to 3 ft.	2 50	22 50	200 00
3 to 4 ft.	4 00	35 00	

	Each
4 to 5 ft.	$4 00 to $6 00
5 to 6 ft.	5 00 to 7 50
6 to 9 ft.	12 00 to 25 00

Picea pungens, var. glauca. BLUE COLORADO SPRUCE. (M) The familiar Blue Spruce.

	Each
5 to 8 ft.	$15 00 to $25 00

var. Kosteriana. KOSTER'S BLUE SPRUCE. (M) An improved strain of Blue Spruce. A striking light blue in color, that makes this one of the finest evergreens in cultivation; for individual planting and for color effect, nothing equals it.

	Each	10
2 to 2½ ft.	$2 50	$22 50
3 to 3½ ft.	8 00	
3½ to 4 ft.	10 00	

	Each
4 to 5 ft.	$12 50 to $15 00
5 to 9 ft.	15 00 to 40 00

PINUS. THE PINES

THE Pines endure a wide range of climatic conditions. They are natives of lowlands and mountainous regions, and withstand well the cold, bleak winds to which they are subjected. They are mostly of upright habit, growing rapidly, and not particular as to soil. Pines are very ornamental and useful on lawns and public grounds. They are so diverse in character that species may be selected for even the smallest areas as well as for vast estates. In groups, shelter-belts, or as tall screens, their value is highly appreciated.

Austrian Pine

Pinus Austrica. AUSTRIAN PINE. (L) A tall, massive tree, with spreading branches, heavily plumed with long, stiff, dark green needles. A useful species along the coast, and grows equally well inland. Popular for groupings or as specimens. One of the best. See illustration below.

	Each	10	100
4 to 5 ft., splendid stock.	$4 00	$35 00	$300 00
5 to 6 ft., splendid stock.	5 00	45 00	400 00

P. Cembra. SWISS STONE PINE. (S) A hardy, slow-growing tree, of distinct conical habit. Grayish-blue needles.

	Each	10
1½ to 2 ft.	$2 00	$17 50
2½ to 3 ft.	3 00	

Scotch Pine.

Austrian Pine.

White Pine.

The way our $4.00 and $5.00 Pines look right after planting.

Pinus excelsa. Bhotan or Himalayan Pine. (L) The long needles are light green and droop in graceful fringes from slender branches. It rapidly becomes a tall tree, and is very attractive when given room to develop.

	Each	10	100
3 to 4 ft.	$1 50	$12 50	$100 00
4 to 5 ft.	2 50	20 00	

	Each
8 to 10 ft.	$7 50 to $10 00
10 to 12 ft.	10 00 to 15 00

P. Mughus. Mugho Pine. (D) Forms a low, dark, dome-shaped plant. Suitable for lawn specimens or evergreen groups, terraces and rockeries.

	Each
1 to 1½ ft. x 1 to 1½ ft.	$2 00
1½ to 2 ft. x 20 to 30 ins.	3 00

A few larger at $4.00 to $5.00 each.

P. parviflora, var. glauca. (M) A desirable Japanese species of bluish-green color.

	Each
3 to 3½ ft.	$3 00

P. ponderosa. Bull Pine. (L) A large, rapid-growing tree, with long, greenish-white needles and irregular habit.

	Each	10
2 to 3 ft.	$1 50	$10 00
5 to 7 ft.	5 00	45 00

P. resinosa. Red or Norway Pine. (L) A very ornamental, hardy Pine, with olive-green needles. Makes a splendid tree, and should be more generally used.

	Each	10
5 to 6 ft., heavy	$5 00	$45 00

P. rigida. Pitch Pine. (M) A very rapid grower and splendidly suited for poor soils, seashore planting and windy places. Needles stiff and dark green.

	Each	10
5 to 6 ft.	$3 00	$25 00

White Pine

P. Strobus. White Pine. (L) A grand old favorite, that grows quickly and makes a most useful and beautiful ornamental tree. It withstands hardships, endures sandy soils and barren places. For specimen group or mass planting, it is extensively used as well as for shade and shelter-belts. The needles are soft and bluish-green.

	Each	10	100
3 to 4 ft.	$2 00	$17 50	
4 to 5 ft., splendid stock	3 00	27 50	$250 00
5 to 6 ft., splendid stock	4 00	37 50	350 00
6 to 7 ft.	5 00	45 00	

var. nana. (VD) Needles similar to P. Strobus. Habit very low and dwarf.

	Each	10
1 to 1¼ ft. x 1 to 1¼ ft.	$2 00	$17 50

Scotch Pine

P. sylvestris. Scotch Pine. (M) A strong grower, with spreading branches and short, stiff, bluish-green needles. Its rapid growth makes it suited for temporary effects, though it is by no means to be despised for permanent ones. Splendid for mass plantings, screens, shelter-belts and seashore use. See illustration on page 9.

	Each	10	100
4 to 5 ft.	$2 50	$22 50	$200 00
5 to 6 ft., splendid stock	3 50	30 00	275 00
6 to 7 ft., splendid stock	4 00	35 00	300 00
7 to 8 ft., splendid stock	5 00	45 00	400 00

Pseudotsuga

Pseudotsuga Douglasii. Douglas Spruce. (L) Looks like a Spruce, but botanically different. The habit is regular and symmetrical; very hardy and suited for almost any purpose. The needles are soft and dark green, though sometimes glaucous.

	Each	10	100
2 to 3 ft.	$1 50	$13 50	$125 00
3 to 4 ft.	2 50	20 00	175 00
5 to 7 ft.	5 00		

var. glauca. Blue Douglas Spruce. (M)

	Each
2 to 2½ ft.	$2 00
3 to 4 ft.	3 50

var. pendula. Weeping Douglas Spruce. (M)

	Each
5½ to 7 ft.	$7 50

RETINOSPORA

Sometimes called Japan Cypress, and known botanically as Chamæcyparis. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints, and because of the pleasing feathery effect of some varieties, affording a very desirable contrast in groups of evergreens. The species generally are of pyramidal habit, vigorous growers that thrive in most soils, and seldom attain a greater height than 40 feet. Their coloring is constant and attractive at all seasons. They are useful in all ornamental plantings, and particularly well suited for color contrasts, grouping, formal effects, window-boxes and vases. Occasional shearing renders them more compact and brightens their distinct, refined and attractive colors. Individual specimens may be grown to splendid proportions, and are at all times distinctive and artistic ornaments to the lawn.

Retinospora filicoides. Fern-Like Retinospora. (S) An open form, whose soft, green leaves are borne all along the branches. Unique and desirable.

	Each
1¼ to 1½ ft.	$1 00

A few larger at $2.00 to $5.00 each.

THREAD-BRANCHED RETINOSPORA. R. filifera. (S) A broad, bushy tree, with dark green foliage in pendulous thread-like strings. The appearance is distinct and attractive. A fine variety for individual or group planting. Is hardy and grows well almost anywhere.

	Each	10
3 to 4 ft.	$4 00	$37 50
4 to 5 ft.	5 00	47 50

var. aurea pendula. (VD) A delicate, low, broad form of bright golden color.

	Each	10
1 to 1¼ ft. x 2 to 3 ft., fine color	$3 50	$30 00

	Each
2½ ft., broad specimens	$8 00 to $10 00

Retinospora lycopodioides. Club Moss Retinospora.

	Each	10
1 to 1½ ft.	$1 00	$8 00

OBTUSE-LEAVED RETINOSPORA. R. obtusa. (M) Of upright growth, splendid habit. The soft green foliage arranged in flat filaments is rich in appearance. The lower branches are retained. Suited for specimen planting or for grouping.

	Each	10	100
2 to 2½ ft., splendid stock,	$1 50	$12 50	$100 00
2½ to 3 ft., splendid stock,	2 00	17 50	150 00
3 to 4 ft., splendid stock	2 50	22 50	200 00
4 to 5 ft., splendid stock	3 00	27 50	250 00
5 to 6 ft., splendid stock	5 00	45 00	

var. gracilis aurea. (S)

	Each
5 to 7 ft.	$5 00 to $7 50

var. nana. (D) A slow-growing dwarf variety, that attains great age. It is popular in Japanese gardens, and attracts much attention here. The deep, dark green leaves are arranged in flattened masses that rise above one another, making a dense, heavy foliage and giving it a beautiful individuality.

	Each	10
1 to 1¼ ft.	$1 25	$10 00
1¼ to 1½ ft.	1 75	15 00

	Each
2½ to 4 ft.	$3 50 to $7 50

var. nana aurea. (D) Similar in character to the preceding, with a clear, golden-colored foliage that is bright and fresh all the year.

	Each
1 to 1¼ ft.	$1 50
3 to 4 ft.	$4 00 to 7 50

A $2 Silver Retinospora, showing the large balls of earth preserved about the roots of nearly all our Evergreens.

Retinospora pisifera. Pea-Fruited Retinospora. (M) The slender branches are open and graceful, the foliage light green above and silvery beneath. It is one of the best Retinosporas.

	Each	10
2½ to 3 ft.	$2 50	$22 50

GOLDEN PEA-FRUITED RETINOSPORA. var. aurea. (S) A bright golden evergreen, with light, airy foliage. It holds its color constantly, and is handsome for contrasts in groups or individually as a specimen.

	Each	10
3 to 4 ft.	$3 00	$27 50
5 to 6 ft.	5 00	47 50
6 to 7 ft.	7 50	

	Each
7 to 8 ft.	$10 00 to $12 50

Plume-like, or Simply Green Retinospora

R. plumosa. Plume-like, or Simply Green Retinospora. (S) Of conical outline, with light green feathery foliage. It stands shearing well, and, if frequently pruned, becomes compact and dense. It is useful in groups, beds or for vases and window-boxes. See illustration below.

	Each	10	100
2 to 2½ ft.	$1 50	$12 50	$100 00
2½ to 3 ft.	2 00	17 50	150 00
3 to 3½ ft.	3 00	25 00	225 00
5 to 6 ft.	4 00	35 00	

A Golden Retinospora that shows the quality of hundreds we have as good for $20 to $40 each, according to the height of them.

A sample tree of Green Retinospora of our $15 and $20 grade. Photographed in the Nursery.

RETINOSPORA PLUMOSA—Continued.

		Each	10
6 to 7 ft.	Broad, symmetrical specimens.	$10 00	
8 to 9 ft.		15 00	$135 00
9 to 10 ft.		20 00	175 00
14 to 16 ft.		Each $20 00 to $30 00	

Golden Retinospora

var. aurea. Golden Retinospora. (S) The most popular and generally useful of all the golden evergreens. In character it resembles the R. plumosa. Is especially ornamental, and the soft, plume-like, golden foliage is particularly bright in Spring. It remains a deep yellow, even through the Winter. When pruned, it becomes symmetrical and regular. It is low-branched, and the golden yellow foliage brushes the green grass in beautiful contrasts. A vigorous grower, that is unsurpassed for color effect in grouping. It is well adapted for small lawns, and equally appropriate for large areas. For window-boxes, vases or for formal gardening, its value is realized. See illustration on page 11.

		Each	10	100
3 to 4 ft., unsheared for hedging		$1 00	$8 00	$75 00
2 to 2½ ft	These are all specimen plants, dense, compact and symmetrical. The large sizes will make splendid immediate effects.	1 50	12 50	100 00
2½ to 3 ft		2 00	17 50	150 00
3 to 3½ ft		2 50	20 00	175 00
3½ to 4 ft		3 00	25 00	225 00
6 to 7 ft.		7 50	60 00	500 00
8 to 10 ft.		Each $12 50 to $20 00		
10 to 12 ft		20 00 to 30 00		
12 to 14 ft		30 00 to 40 00		

WHITE-LEAVED RETINOSPORA, var. flavescens variegata. (D) Golden in appearance. The habit is dwarf and compact,and its ball-like form makes it a pretty little ornament in many places. We have some handsome specimens.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50 00
1½ to 2 ft. x 1½ to 2 ft.	1 50	12 50	100 00
2 to 2½ ft. x 1¾ to 2½ ft.,	2 00	15 00	
3½ to 6 ft. x 3½ to 6 ft.	Each $5 00 to $15 00		

Retinospora squarrosa, var. Sieboldi. Siebold's Retinospora. (D) Bluish foliage, changing to a purplish hue in Winter; a distinct coloring.

	Each	10
1½ to 2 ft.	$1 75	$15 00

Silver Retinospora

var. Veitchii. Silver Retinospora. (S) Possesses the merit of R. plumosa, resembles it in character, and is useful in the same way. The foliage is feathery, and of a rich, silvery glaucous or steel blue that contrasts finely with the dark green and golden tints of other varieties. One of the most showy and attractive of the class. We have a stock of magnificent trees. See illustration on page 11.

		Each	10	100
1½ to 2 ft.	These are all specimen plants, dense, compact and symmetrical. The larger sizes will make splendid immediate effects.	$1 50	$12 50	$100 00
2 to 2½ ft.		2 00	17 50	150 00
2½ to 3 ft.		2 50	22 50	200 00
3 to 3½ ft.		3 00	27 50	250 00
3½ to 4 ft.		3 50	32 50	300 00
4 to 4½ ft.		4 50	40 00	350 00
4½ to 5 ft.		5 00	45 00	
5 to 6 ft.		7 50	65 00	
6 to 7 ft.		Each $10 00 to $15 00		
12 to 14 ft.		35 00 to 50 00		

Sciadopitys

Sciadopitys Verticillata. Umbrella Pine. (S) A quite hardy Japanese tree, of pyramidal character and slow growth when young. The odd foliage is arranged in whorls of 15 to 30 long, broad needles of lustrous deep green color. A rare tree and a gem in any collection.

	Each
2½ to 3 ft.	$5 00
3 to 4 ft.	8 00
4 to 5 ft.	12 00
5 to 6 ft.	15 00
6 to 6½ ft.	20 00

TAXUS. YEWS

THE Yews are slow-growing, generally small trees, that do well in most soils. They are highly ornamental and effective as specimens or in groups. Yews withstand clipping well, but they require the protection of sheltered positions in places much north of Philadelphia.

Taxus baccata. English Yew. (S) A slow-growing, thickly branched tree, with small, dark green leaves.

	Each	10	100
2 to 3 ft., for hedging	$1 25	$9 00	$75 00
3 to 4 ft.	4 00		
5 to 7 ft.		Each $10 00 to $15 00	

var. aurea. Golden English Yew.

	Each	10
1½ to 2 ft.	$2 00	$15 00
2 to 3 ft.	3 00	27 50

Taxus baccata, var. erecta. (D) A good, symmetrical sort.

	Each
3½ to 4 ft. specimens	$7 50

var. fastigata. Irish Yew. (D) Splendid little cone-shaped tree, that is erect and slender. Rich, dark, glossy green foliage, well suited for group and formal planting.

	Each	10
3 to 4 ft.	$3 50	$30 00
4 to 5 ft.	4 50	

Taxus baccata, var. fastigata aurea. GOLDEN IRISH YEW. (D) In character similar to the preceding, with young foliage a brilliant golden yellow.

	Each	10
2 to 3 ft.	$2 50	$22 50
3 to 4 ft.	3 50	
4 to 5 ft.	4 50	

var. repandens. SPREADING ENGLISH YEW. (VD) Glossy dark green foliage, with spreading habit, that suits it for rock or natural plantings.

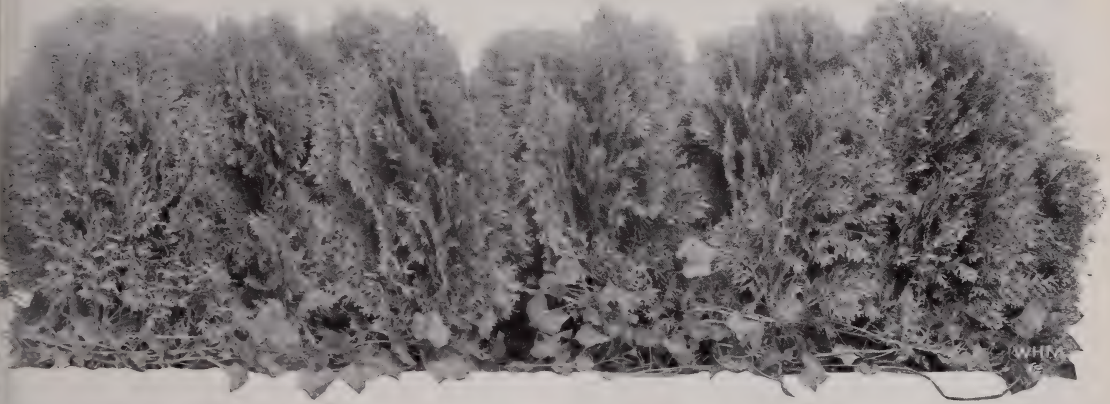
	Each	10
1 to 1¼ ft. x 2 ft., broad and bushy,	$2 50	$22 50

Taxus cuspidata. (D) A hardy, deep green form of especial merit.

	Each	10
3 to 3½ ft.	$5 00	$47 50

var. nana; syn. brevifolia. (D) A Japanese form of bushy habit and dark lustrous green color.

	Each	10
1 to 1½ ft.	$2 25	$20 00
1½ to 2 ft.	2 75	25 00



The Dwarf Arborvitæs, such as Compact and Hoveyi, make splendid hedges and edgings to garden walks, in place of the more expensive Boxwood. They are also useful in Evergreen groups and beds.

THUYA. ARBORVITÆ

THESE highly ornamental trees, though many are of upright habit, do not grow to great heights, and are appropriate for small lawns as well as large areas. They are generally hardy; grow vigorously in varied soils, and are easily transplanted. Their clean, neat, compact appearance, and the soft, fern-like foliage, in many cases so brightly colored, make them useful in grouping, bedding, bordering and formal gardening, for cemetery and lawn specimens, for hedges, screens, window-boxes, vases and house decorations.

Thuya gigantea; syn. Lobbi. OREGON CEDAR. (S) In the East it succeeds best in sheltered locations. It is rare in ornamental plantings, but well suited for them, as it lends variety and interest.

	Each	10
3 to 4 ft.	$1 00	$7 50
4 to 5 ft.	3 00	

var. aurea. (S) GOLDEN OREGON CEDAR.

	Each	10
1½ to 2 ft.	$1 25	$10 00

American Arborvitæ, or White Cedar

T. occidentalis. AMERICAN ARBORVITÆ, OR WHITE CEDAR. (S) A splendid native that grows well anywhere and thrives over a wide range of climate. The habit is erect and pyramidal, the foliage soft and light green in color. The branches are dense and symmetrical from the ground up. This Arborvitæ should be included in groups and all evergreen plantings. For tubs and vases, and for formal plantings, there is nothing better. They are unapproached as tall hedges to form screens from objectionable objects, or for shelter-belts, or as a blind about clothes-yards, etc. They grow quickly, and if planted closely in hedges, give the desired effects promptly. They may be kept at any height and made more dense and bushy by trimming, which they endure readily. See illustration on page 14.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$15 00
3 to 3½ ft.	75	6 00	50 00
4 to 5 ft.	1 50	12 50	100 00
5 to 6 ft., very bushy, heavy stock	2 50	22 50	200 00
6 to 7 ft., very bushy, heavy stock	3 00	25 00	225 00
7 to 8 ft.	3 50	30 00	275 00

Hedge of American Arborvitæ (Thuya Occidentalis), planted by us four years ago for the late Grover Cleveland, at his home in Princeton, N. J. The sample tree here shown represents the bushy quality of our stock, which will make at once such hedges or screens as the one pictured.

GEO. PEABODY ARBORVITÆ, var. aurea. (S) A distinct golden yellow form that is beautiful as a specimen and highly valued, too, for contrast in foliage effects. Aside from its color, its habits and form are similar to the above.

	Each	10
2½ to 3 ft.	$2 00	$17 50
3 to 4 ft.	2 50	22 50

var. Burrowii. (S) Distinguished by bright golden yellow foliage in Spring, which afterwards turns green.

	Each	10
2 to 3 ft.	$1 75	$15 00
4 to 5 ft.	3 50	

var. Columbia; syn. T. Queen Victoria. (S) Foliage remarkable for its pretty yellowish-white markings.

	Each
1½ to 2 ft.	$2 00

Compact Arborvitæ

var. compacta. COMPACT ARBORVITÆ. (D) Dwarf, dense little evergreen, having light green foliage and neat, attractive habit. Popular for beds, borders, cemeteries, house decoration or small, low-growing hedges, giving a pleasing formal effect.

		Each	10	100
1¼ to 1½ ft.	Fine, broad bushy stock.	$1 00	$8 00	$70 00
1½ to 2 ft.		1 25	10 00	85 00
2 to 2½ ft.		2 00	17 50	150 00
2½ to 3 ft.		2 50	22 50	200 00

var. Douglasii aurea. (S) A fine, pyramidal golden evergreen.

	Each	10
2 to 2½ ft.	$2 00	$15 00

var. Douglasii pyramidalis. (S) Pyramidal habit; dark green, attractive foliage.

	Each	10
3 to 4 ft.	$3 00	$27 50
4 to 5 ft.	3 50	

TOM THUMB, var. Ellwangeriana. (D) Its low growth and compact symmetry make it valuable for decorations in small areas and in the front of evergreen beds, or wherever a small evergreen is wanted. Silvery foliage that turns darker in Winter.

	Each	10	100
1 to 1½ ft.	$0 50	$3 50	$25 00
1½ to 2 ft.	60	4 00	35 00
2 to 2½ ft.	1 50	12 50	100 00
2½ to 3 ft.	1 75	15 00	125 00

var. ericoides. HEATH-LEAVED ARBORVITÆ. (D) Appears very much like the preceding, except in Winter it turns even darker. Both kinds are desirable, and should be freely used in all plantings of small-growing evergreens.

	Each	10	100
1¼ to 1½ ft.	$0 50	$3 50	$25 00
2 to 2½ ft.	1 50	12 50	

Globe Arborvitæ

var. globosa. GLOBE ARBORVITÆ. (VD) Very dwarf and compact; grows naturally into a rounded, almost ball-like form, that makes it useful in groupings for specimens, vases or for formal planting about garden walks, etc.

		Each	10	100
1 to 1¼ ft.	Broad, bushy specimens.	$0 75	$6 00	$50 00
1¼ to 1½ ft.		1 50	12 50	100 00
1½ to 2 ft.		2 00	17 50	150 00

Hovey's Golden Arborvitæ

var. Hoveyi. Hovey's Golden Arborvitæ. (VD) Resembles T. compacta, and is useful in the same way; it differs principally in having lighter tints in its foliage.

		Each	10	100
1½ to 2 ft.	Fine, bushy stock.	$1 50	$12 50	$100 00
2 to 2½ ft.		2 00	17 50	150 00
2½ to 3 ft.		2 50	22 50	

var. intermedia. (D) Round, like T. globosa, but not so dense and compact.

	Each	10
1½ to 2 ft.	$1 50	$12 50

var. Little Gem. (VD) A tiny, green form, for rockeries and fronts of evergreen beds.

	Each
½ to ¾ ft. x ¾ to 1 ft.	$1 00

var. pendula. Weeping Arborvitæ. (S)

	Each
4 to 6 ft.	$3 00 to $4 00

var. pumila. Dwarf, compact form.

	Each
3 to 3½ ft., heavy specimens	$3 50

Pyramidal Arborvitæ

var. pyramidalis. Pyramidal Arborvitæ. (S) Similar to American Arborvitæ, but more dense in habit; finer in texture, and retains its lustrous green color all Winter. It is of the same columnar habit that adapts it to formal planting, and suits it for lawn specimens and evergreen groups.

	Each	10	100
2 to 2½ ft.	$0 50	$4 00	$30 00
2½ to 3 ft.	1 50	12 50	100 00
3 to 4 ft.	1 75	15 00	125 00
4 to 5 ft.	2 00	17 50	150 00
5 to 6 ft.	2 50	22 50	200 00

var. Reidii. (D) Similar to American Arborvitæ, more bushy and splendidly adapted for Southern use.

	Each
4 to 5 ft.	$3 00

var. Riversii. (S)

	Each
5 to 6 ft. specimens	$4 00

var. Vervæneana. Vervæne's Arborvitæ. (S) The same slender, erect habit and form as T. occidentalis. Green and golden colors are prettily mingled in the foliage.

	Each	10
2½ to 3 ft.	$1 50	$12 50
6 to 7 ft. specimens	5 00	
7 to 8 ft. specimens	7 50	

SIBERIAN ARBORVITÆ, var. Wareana; syn. Siberica. (S) Of lower growth than the other pyramidal forms. The branches are stouter, and the dark, rich green foliage more dense. Hardy in coldest places, and much in demand for general purposes.

	Each	10	100
2 to 2½ ft.	$1 50	$13 50	$125 00

	Each
5 to 7 ft.	$6 00 to $10 00
8 to 10 ft., bushy	15 00

var. Wareana aurea. (S) A golden form of the above.

	Each	10
2 to 2½ ft.	$1 50	$12 50

Thuyopsis

Thuyopsis borealis. Chamæcyparis Nutkænsis (Sitka Cypress). (M) A good specimen tree, as well as useful in bed and group plantings, in sheltered or Southern positions. Regularly furnished with graceful, slightly drooping branches.

	Each	10
2 to 2½ ft.	$1 00	$7 50

Thuyopsis borealis, var. glauca. Silver Sitka Cypress. (M) A desirable silvery blue form of the above.

	Each
2½ to 3 ft.	$2 50
4½ to 5 ft.	4 00

TSUGA. HEMLOCK

Hemlock Spruce

Tsuga Canadensis. Hemlock Spruce. (M) A magnificent native tree that grows rapidly in most any soil and is very hardy. If allowed sunlight, it will hold its lower branches and remain symmetrically furnished from the ground up, in which condition it makes splendid lawn specimens with a certain elegance and beauty that its slender, graceful branches alone possess. It will withstand wind and exposure, and therefore is suited for shelter-belts and wind-breaks, as well as in all mass

Illustrating the bushy, symmetrical character of our 4 to 5 feet and 5 to 6 feet Hemlock Spruce, which are suitable for individual and group planting.

HEMLOCK SPRUCE—Continued

plantings of large evergreens. Hemlocks succeed well in almost any soil, but prefer most a good loam that is moist rather than too dry. Hemlocks withstand shearing so well and become so dense and compact when subjected to that treatment, that they may be used wherever a small tree is wanted, or in hedges. For this purpose no other evergreen is better adapted, because it becomes impenetrable as well as neat and attractive, and may be kept low or allowed to grow into tall hedges or screens.

		Each	10	100
1½ to 2 ft.	Extra fine stock.	$0 50	$4 50	$40 00
2½ to 3 ft.		1 25	11 00	100 00
3 to 4 ft...		2 00	17 50	150 00
4 to 5 ft...		3 00	25 00	225 00
5 to 6 ft...		4 00	35 00	300 00

var. Sargentii pendula. SARGENT'S WEEPING HEMLOCK SPRUCE.

	Each
1½ to 2½ ft.	$5 00 to $7 50

Our trees used in this garden.—*Oglesby Paul, Architect.*

EVERGREEN SHRUBS

THESE "Broad-Leaved Evergreens" are being used more and more each year, because they are so desirable and effective in all landscape work. Their heavy leaf masses meet the demand for fresh green foliage to enliven and cheer the bare aspect of deciduous trees and shrubs in Winter. But best of all is the magnificent display that most of them make when in bloom, especially the Rhododendrons and Kalmias. Another desirable quality most of them have is a fondness for shady places, so that they meet a large demand in beautifying these spots, which are usually thought so difficult to adorn. As a rule, they transplant easily, are quite hardy, give immediate results and are altogether very satisfactory things to use.

Abelia

Abelia rupestris; syn. A. grandiflora. Graceful, arching branches; small, glossy leaves, and tiny white flowers all Summer.

	Each	10
2 to 3 ft.	$1 50	$12 50

Andromeda

Andromeda Catesbæi. See Leucothœ Catesbæi, page 19.

A. floribunda; syn. Pieris floribunda. A splendid, low-growing plant, with myrtle-like foliage

ANDROMEDA FLORIBUNDA—Continued
and spikes of tiny pure white flowers, that resemble sprays of lily-of-the-valley; appear in early Spring.

	Each	10
1 to 1½ ft.	$1 50	$12 50

A. Japonica. A beautiful, low shrub, with drooping racemes of small, white, wax-like flowers in May and June. The shining, deep green leaves are handsome. A desirable plant at the front of groups of broad-leaved evergreens, or in shaded places.

	Each	10
1¼ to 1½ ft.	$1 50	$12 50
2 to 2½ ft.	2 50	22 50

AZALEA AMOENA

A BUSHY, dwarf evergreen, with small green leaves that deepen to a lustrous coppery hue in winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant claret-colored flowers that hold their beauty three or four weeks. Such beautiful little plants are ornaments anywhere, and are especially desirable for edging drives and walks for dwarf hedges, groups or for bordering Rhododendron and Kalmia beds. The habit of this Azalea is so dense and compact that it makes splendid low flowering hedges, for which purpose we highly recommend it.

The Azalea Amoena may be depended upon to flower abundantly each season. It is one of the hardiest of the evergreen shrubs. Our plants are bushy and well set with buds.

	Each	10	100
¾ to 1 ft., bushy	$0 75	$5 00	$45 00
1 to 1¼ ft., bushy	1 00	8 50	75 00
1¼ to 1½ ft., bushy	1 50	12 50	100 00
1½ to 2 ft., bushy	2 00	17 50	150 00
2 to 2½ ft., bushy	2 50	22 50	200 00

We have a grand stock of these Azaleas. The plants are all heavy and bushy, with quantities of flower buds that will bloom this year, even if plants are moved.

Azalea hinodegiri.	Each
¾ to 1 ft.	$1 00

A. ledifolium leucanthum. A profusion of single, white, attractive flowers in early Spring. Adapted for grouping with shrubbery or other evergreen plants.

	Each	10
1½ to 2 ft.	$3 00	$25 00

BUXUS. BOXWOOD

Buxus sempervirens. Common Tree Box. This variety is familiar in old-fashioned gardens, where it has slowly developed into a large, broad bush. The small, dark green leaves are always fresh and glossy. It is a strong grower in almost any soil and does well in shaded places. It withstands shearing and may be clipped into artificial forms. Useful in tubs or for formal planting.

		Each	10	100
1¼ to 1½ ft.		$0 75	$6 00	$50 00
1½ to 2 ft.	Bushy specimens of natural form	1 50	12 50	
2 to 2½ ft.		2 00	17 50	
2½ to 3 ft.		2 50	22 50	
3 to 4 ft.	Clipped into pyramidal form.	3 00	27 50	
4 to 5 ft.		4 00	37 50	
5 to 6 ft.		5 00		

var. Handsworthi. Large, dark green, oval leaves.

	Each	10	100
1 to 1¼ ft.	$0 50	$3 50	$25 00
4 to 4½ ft., pyramidal form	5 00		

var. suffruticosa. Dwarf Box. The variety so extensively used for edging walks, and now again so popular in all formal and old-fashioned gardens. It grows very slowly, and reaches, after many years, a height no greater than 3 to 5 feet. In edging walks, set the plants from 2 to 4 inches apart.

	10	100	1000
4 to 6 in.	$1 00	$7 00	$60 00

Cotoneaster

Cotoneaster buxifolia, var. Wheeleri. A shrubby plant, with small evergreen leaves and red berries.

	Each	10
2 to 2½ ft.	$0 75	$6 00

Daphne. Garland Flower

Daphne cneorum. A low, prostrate plant, with small, pink, fragrant flowers.

	Each	10
1 ft., bushy	$0 75	$7 00

Euonymus

Euonymus Japonica. Japanese Euonymus. An erect form, with glossy green foliage and bright green bark. Makes a good specimen bush for individual planting.

	Each	10	100
1½ to 2 ft.	$0 75	$6 00	$40 00
2 to 2½ ft.	1 00	7 50	65 00

var. argentea. Silvery Euonymus. Leaves beautifully variegated with silvery white markings.

	Each	10
2 to 3 ft.	$1 25	$10 00

var. aurea. Golden Euonymus. Leaves attractively margined with golden yellow.

	Each	10
2 to 2½ ft.	$1 25	$10 00

Pyramidal Box Bush (*Buxus sempervirens*).

ILEX. THE HOLLIES

The berried twigs are familiar decorations at Christmas time, but most people do not know what splendid ornaments the trees are in open or collective planting. The flowers being unfertile in themselves, it is necessary to plant several trees near each other to be sure of berries.

Ilex aquifolium. English Holly. Dark, glossy tree; prickly leaves. Erect, shapely habit; fond of sandy soils, though it grows well in other places.

	Each
3 to 3½ ft.	$3 00
4 to 6 ft.	$5 00 to 7 50

Ilex aquifolium, var. Hodginsii. Slightly broader, smoother-edged leaves than the above.

	Each
3 to 4 ft.	$4 00

var. variegata. Golden Variegated-Leaved Holly.

	Each
6 to 7 ft.	$5 00 to $7 50

JAPANESE HOLLY. Ilex crenata. Small, dark, attractive leaves. It withstands shearing, and may be trained into any desired form. Makes dense, compact, low hedges. Splendidly suited for seashore planting. Not dependably hardy north of New York City, but a splendid plant where it can be safely used.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$65 00
2 to 2½ ft.	1 50	12 50	100 00
2½ to 3 ft.	2 00	17 50	150 00

var. macrophylla. Leaves a little larger than above.

	Each
1½ to 2 ft., bushy	$1 50

I. opaca. American Holly.

	Each
2 to 2½ ft.	$2 00

Kalmia. Mountain Laurel

Kalmia latifolia. Mountain Laurel. Bushy shrubs, with elongated oblong leaves, which are always fresh and glossy, making possible charming foliage effects and cheery landscapes at all seasons. In early Spring, they bloom profusely. The delicate pink buds, beautiful in themselves, open in large corymbs of pink and white flowers. They are useful for massing with Rhododendrons or for wooded effects.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$70 00
2 to 2½ ft.	1 50	12 50	100 00
3 to 3½ ft.	3 00		

Write for prices on collected clumps in carload lots.

Leucothœ

Leucothœ Catesbæi; syn. Andromeda Catesbæi. Drooping Andromeda. A valuable small shrub for shady places and wild effects. The oblong, leathery leaves change to a beautiful bronze in Autumn, and are so much admired that quantities of sprays are collected from the native woods and sold for Christmas decorations. In early Spring, drooping panicles of small, fragrant, white, wax-like flowers cover it.

	Each	10
1 to 1½ ft.	$1 00	$8 50

Magnolia

Magnolia grandiflora. A Southern variety, with deep, broad cups of fragrant white flowers.

	Each
3 to 4 ft.	$1 75

Mahonia

Mahonia aquifolia. Holly-Leaved Mahonia. A native plant, with handsome prickly foliage, that is a deep glossy green in Spring and turns to a bright bronze color in Winter. In May, little yellow flowers hang along the branches. Very desirable plant for rockeries and shrubbery groups.

	Each	10	100
1 to 1½ ft	$0 50	$3 50	$25 00
1½ to 2 ft., bushy	1 50		

M. Japonica. Japanese Mahonia. A stronger grower, with stout, stiff branches. The leaves are larger than the above, and do not change their color during the Winter. In May the yellow flowers are quite showy.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$60 00

The grounds of this home were planned and planted by us.

This natural-looking planting of our native Rhododendron maximum was photographed but a few weeks after we had arranged and planted it. For gorgeous flower display the hybrid varieties are mostly used. We show an individual flower.

RHODODENDRONS

EXPERIENCE has proved that many Rhododendrons are hardy as far north as Boston. In early Summer there are no flowers more gorgeous than these grand shrubs, that are then all aglow with their great masses of bloom. But not only at this season are they attractive, for the heavy, shiny green leaves enliven the landscape even in Winter. In front of evergreen shelter-belts, their glossy foliage appears to delightful advantage against the more sombre hues of the conifers that protect them from the prevailing winds. In groups or masses the varied colors of the flowers blend harmoniously together, and make a brilliant ornament wherever seen.

Rhododendrons do well in most soils free from limestone, and to obtain success from them, no such expensive methods of preparing the ground are required as are sometimes advocated, though they willingly respond to such treatment. In Summer, a light mulch of cut grass retains the moisture, and in Winter, a heavier mulch of leaves protects the roots, and frequently a slight covering is required to shelter the flower-buds and foliage. After each flowering season the dead bloom should be picked to prevent seeding, and allow the energies of the plant to develop flower buds for the next year.

The Rhododendrons stand without an equal among the flowering shrubs, and, to retain their supremacy, possess the crowning virtue of flowering in all their glory the same season as planted.

All our Rhododendrons are shipped with balls of earth about their roots, which prevents them from drying out, and insures successful growth. They are well budded and will flower this year.

PRICES AND VARIETIES OF HYBRID RHODODENDRONS ARE AS FOLLOWS:

	Each	10	100
1½ to 2 ft., well budded	$1 50	$12 50	$110 00
2 to 2½ ft., well budded	2 00	17 50	150 00
2½ to 3 ft., well budded	2 50	22 50	

It is possible that early sales will soon reduce our assortment of varieties, and purchasers will do well to name a second choice or instruct us to substitute similar varieties, so that no delay will occur in filling orders.

In addition to the above sizes, we have a quantity of other specimen plants 3 to 5 feet high, at prices ranging from $3.00 to $8.00 each. Write for fuller particulars about these.

*__Abraham Lincoln.__ Rosy red; one of the best sorts.

Album elegans. White.

Album grandiflora. White; large flowers.

†**Atrosanguineum.** Deep blood red; fine.

*__Boule de Neige.__ Pure white; low growers.

Caractacus. Rich purplish crimson.

†**Catawbiense alba.** A native Southern type, with beautiful, large white flowers.

Charles Bagley. Cherry red.

†**Charles Dickens.** Deep scarlet.

†**Delicatissimum.** Blush white.

†**Edward S. Rand.** Bright scarlet.

*Denotes varieties that we have only 1½ to 2 feet plants of.

†Denotes varieties that we have only 1½ to 2 feet plants and 2 to 2½ feet plants of.

HYBRID RHODODENDRONS—Continued

†**Everestianum.** Rosy lilac; strong, hardy grower.

†**General Grant.** Rosy scarlet.

***Gomer Waterer.** Best pink.

†**H. H. Hunnewell.** Crimson.

†**H. W. Sargent.** Crimson.

****Kettledrum.** Deep red.

Lady Armstrong. Pale rose.

†**Lady Claremont.** Rosy scarlet.

Marshall James Brook. Crimson.

†**Michael Waterer.** Scarlet crimson.

†**Mrs. Milner.** Scarlet.

†**Minnie.** Blush white; large chocolate spots.

Parsons Gloriosa. Soft rose.

*Denotes varieties that we have only 1½ to 2 feet plants of.

**Denotes varieties that we have only 2 to 2½ feet plants of.

†Denotes varieties that we have only 1½ to 2 feet plants and 2 to 2½ feet plants of.

One of our well-budded Hybrid Rhododendrons

Rhododendron Maximum

Rhododendron maximum. GREAT LAUREL OR NATIVE RHODODENDRON. A native shrub that is beautiful among our mountainous regions in June and July, when its great white (sometimes rosy pink) flower masses appear in full bloom along the roadsides or on banks of streams. The landscape artist uses them in much the same way that nature does. For covering banks, for groups or masses in shady situations, as an undergrowth in wooded places or for planting beside drives and paths, nothing is more pleasing. The heavy, glossy green leaves make a magnificent setting for the large, showy flowers.

	Each	10	100
2 to 3½ ft..............	$2 00	$16 00	$135 00
3½ to 5 ft......	$2 50 to 3 00	20 00	160 00

Rhododendrons by the Carload

We are in a position to supply Rhododendron maximum from 2 to 7 feet in height, in carload lots. We dig these with large balls of leaf-loam, that are carefully preserved about their roots. These arrive in good condition and withstand transplanting especially well. Upon request, further particulars and prices of carload shipments will be cheerfully given.

Dwarf Rhododendrons

These low-growing plants are splendid for use where a dwarf evergreen shrub is required, and well adapted for planting in the front of beds of larger Rhododendrons or with Azaleas. Their flowers are showy, and on this account alone they ought to be more generally planted.

Myrtifolium. MYRTLE-LEAVED RHODODENDRON. Purplish flowers and low, bushy habit.

	Each	10
1¼ to 1½ ft........	$2 00	$17 50

Odoratum. A dwarf, dense form, with sweet-scented flowers.

	Each
1 to 1½ ft.....................	$2 00

Punctatum. Pale rose and spotted; open habit; the earliest of all to flower.

	Each	10
1 to 1½ ft..............	$1 00	$8 00

Wilsonianum. Pinkish. A dwarf, dense form, with splendid foliage.

	Each	10
1 to 1½ ft..............	$1 75	$15 00

Yucca Filamentosa. Adam's Needle

In June or July it sends up tall stalks laden with ivory white flowers. Desirable along or in shrubbery and herbaceous borders. Grows well most anywhere, and endures dry, sandy soils, where little else will grow.

	Each	10	100
3 years..................	$0 25	$2 00	$15 00
Large and heavy clumps..	50	3 50	30 00

A beautiful lawn at Princeton, N. J., planted with Moon's Trees about twenty-five years ago.

The trees for this avenue at Wynnefield, Philadelphia, Pa., were purchased of us 14 years ago. What other investment could this real estate promoter have made that would add greater value to his property than these trees, which then cost him about $1.50 each? Sugar Maples (see page 23) are planted between the curb and sidewalk. Oriental Planes (see page 31) inside of the walk.

NOTHING can be planted which will grow so well and with so little attention and care as trees. The initial cost is small and paid for many times over by the beauty, pleasure and satisfaction which they bring. In the assortment that we have listed will be found the varieties best adapted for street and avenue planting; the kinds that will give the coolest shade for lawn and park use; species of rapid growth to produce quick effects; those with gorgeous and showy flowers and brilliant Autumnal leaves; kinds with graceful, weeping habit; large and dwarf-growing sorts. Our collection includes trees adapted for all locations, climates and soils. All have been grown with care, to make them straight, stocky, well headed and supplied with fibrous roots. They have been frequently transplanted, and are prepared for moving. Where trees are wanted in large quantities, we may be able to offer greater inducements on some varieties, so that we solicit correspondence from persons who contemplate purchasing in such numbers.

That the unacquainted may have an idea of the height to which each tree may be expected to grow, we have marked the varieties as follows: (L) designates trees growing to 60 feet or over at maturity; (M), from 30 to 60 feet; (S), 20 to 30 feet; (D), 10 to 20 feet; (VD), less than 10 feet.

ACER. THE MAPLES

MAPLES are planted, perhaps, more largely than any other tree. They are hardy and well adapted to almost every soil; are attractive, vigorous growers, and remarkably free from the attacks of injurious insects. Their shade is cool and dense, and for this they are indispensable in all lawn, park or avenue plantings. In Autumn, the brilliant coloring of their leaves is everywhere commented upon. The Silver Maple (Acer dasycarpum) and the Ash-Leaved Maple (Acer Negundo) are the most rapid-growing; but for permanency the Sugar Maple (Acer saccharinum) and the Norway Maple (Acer platanoides) are usually preferred. The other varieties are more or less distinct, and each useful in its place.

European Cork Maple

Acer campestris. EUROPEAN CORK MAPLE. (S) Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry ground.

	Each	10	100
5 to 6 ft.	$1 00	$7 50	$50 00
6 to 8 ft.	1 50	12 50	

A. circinatum. VINE MAPLE. (S) A small tree or shrub, with round leaves that turn a gorgeous orange and scarlet in Autumn. Fruit rose-color.

	Each	10
3 to 4 ft.	$1 00	$7 50

Acer Colchicum, var. rubrum. Red Colchicum Maple. (M) A rare, medium-sized tree that is bright red as the new leaves unfurl. The young twigs are also red and attractive in Winter. We have a splendid stock.

	Each	10	100
7 to 8 ft., 1½ to 1¾ in. cal.,	$1 75	$15 00	$135 00
8 to 10 ft., 1¾ to 2 in. cal.,	2 00	17 50	

A. dasycarpum. Silver Maple. (L) A most reliable grower in all sections, and matures so rapidly that it is sought for quick effects. The leaves are deeply cut and their silvery under-surface is beautifully displayed.

	Each	10
12 to 14 ft., 2 to 2½ in. cal.	$2 50	$20 00
14 to 16 ft., 2½ to 3½ in. cal.	$3 00 to $4 00	

var. Wieri laciniatum. Weir's Cut-Leaved Silver Maple. (M) The leaves are cut more deeply than those of its parent, the Silver Maple. It grows more rapidly and is distinguishable by its slender branches, that droop gracefully. A desirable, quick-growing lawn tree.

	Each	10	100
9 to 10 ft.	$1 25	$10 00	$80 00
20 to 24 ft., 4 to 5 in. cal. specimens	$7 50 to $10 00		

A. Negundo. Ash-Leaved Maple or Box Elder. (L) A rapid-growing tree of irregular, spreading form, whose leaves resemble those of the Ash. Improved by close pruning. Grows well in dry and barren soils.

	Each	10	100
8 to 10 ft., 1 to 1¼ in. cal.,	$0 75	$6 00	$50 00
12 to 14 ft., 2 to 2½ in. cal.,	2 00	16 00	
14 to 16 ft., 4 to 6 in. cal., low, broad heads	$5 00 to $10 00		

A. platanoides. Norway Maple. (M) A handsome tree of large growth, forming a wide, rounded head of spreading branches, and having broad, deep green leaves that cast a cooling shade. Strong, compact and vigorous. It is one of the best ornamental trees and is popular in all lawn, park, cemetery and street planting.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in.,	$1 50	$12 50	$100 00
10 to 12 ft., 1½ to 2 in. cal.,	2 00	17 50	160 00
12 to 14 ft., 2 to 2½ in. cal.,	2 50	22 50	200 00
14 to 16 ft., 2½ to 3 in. cal.,	3 00	27 50	

Prices on a few larger trees upon application.

var. Schwedleri. Purple Norway Maple. (M) The new leaves are red or purplish, and later turn to green. In other respects, the tree is similar to the Norway Maple. Very desirable.

	Each	10
6 to 7 ft., 1¼ to 1½ in. cal.	$1 75	$15 00

A. pseudo-platanus. Sycamore Maple. (M) A broad, handsome tree, that grows quickly; has larger, darker leaves than the other Maples.

	Each	10	100
12 to 14 ft., 2 to 2½ in. cal.,	$2 50	$20 00	$175 00
14 to 16 ft., 2½ to 3 in. cal.,	3 00	27 50	

A. rubrum. Red or Scarlet Maple. (L) A native species, with fine, rounded head; beautiful red blossoms and fruits in Spring; gorgeous Autumnal foliage. Thrives in low or damp places.

	Each	10	100
8 to 10 ft., 1½ to 2 in. cal.,	$1 50	$12 50	$110 00
10 to 12 ft., 2 to 2½ in. cal.,	2 25	20 00	
12 to 14 ft., 2¼ to 3 in. cal.,	3 00	25 00	

Sugar Maple

Acer saccharum. Sugar or Rock Maple. (L) Much used for shade in lawn or park plantings. It is pyramidal in form and thrives in almost any soil; with age it grows into a straight, symmetrical tree of grand proportions. This Maple has a brilliant Autumn coloring, neat and attractive habit, and is used in solitary or group planting. It makes a handsome avenue tree, and is popular for that purpose. We have a splendid stock of young, thrifty trees.

	Each	10	100
12 to 14 ft., 1½ to 2 in. cal.,	$2 00	$17 50	$150 00
14 to 16 ft., 2 to 2½ in. cal.,	3 00	25 00	200 00
14 to 16 ft., 2½ to 3 in. cal.,	5 00	40 00	

Prices on a few larger trees upon application.

A. spicatum. Mountain Maple. (S) Shrubby tree; valuable as an undergrowth.

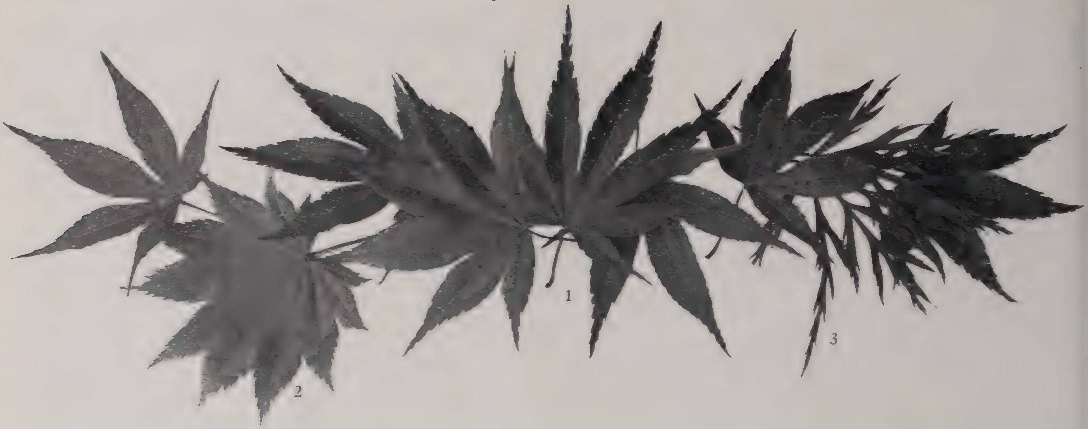
	Each	10
4 to 5 ft.	$1 00	$7 50

Siberian Maple

A. Tartaricum Ginnala. Siberian Maple. (D) A shrubby tree, with handsome leaves, that turn a beautiful red in early Autumn. It is very useful for foliage effects, and splendid for mass and bank plantings. Individually, it makes a neat little tree. A strong grower and perfectly hardy.

	Each	10	100
4 to 5 ft.	$0 75	$6 00	$50 00
6 to 8 ft.	1 00	8 00	60 00

Sugar Maple (Acer saccharum), always a straight, well-formed tree of neat appearance. It will give dense, cooling shade on lawn or roadside. We have a fine stock. See prices above.



Leaves of the Japanese Maples. 1. Similar in form to the leaves of Acer polymorphum and its variety atropurpureum. 2. Aureum, or the Golden-Leaved Japan Maple. 3. Atropurpureum dissectum.

Japanese Maples

Beautiful little trees, valued in all landscape work. Especially adapted for planting in front of evergreen borders, in groups for color effects or individually, in prominent places. They are reliably hardy in all but the coldest sections of the United States. Transplant easily and mature quickly.

Acer Japonicum. (D) Dark green leaves.

	Each
4 to 5 ft.	$7 50

var. filicifolium. (D) Delicately cut green leaves.

	Each
4 to 5 ft.	$7 50

var. purpureum. (VD) Dark red leaves.

	Each
1½ to 2 ft.	$2 50

Green Japan Maple

A. polymorphum. Green Japan Maple. (D) This is the parent of all the following varieties. It is the tallest and as hardy as any. The small, green leaves are not cut as deeply as those of some kinds. It has bright green foliage in Spring and Summer, and in Fall the leaves are often of different shades, some scarlet, some yellow and some of both shades combined. But, whatever the color is, there is a gorgeous showing. See illustration, page 25.

	Each	10
4 to 5 ft.	$2 50	$20 00
6 to 7 ft., stocky trees	6 00	50 00
7 to 8 ft., stocky trees	10 00	85 00

	Each
5 to 8 ft., handsome specimens	$10 00 to $15 00

var. atropurpureum. (D) A blood-leaved sort that holds its dark coloring throughout the season.

	Each	10
2 to 2½ ft.	$2 50	$22 50

	Each
2½ to 3 ft.	$3 50 to $4 50

Acer polymorphum, var. atropurpureum dissectum. (VD) Low, spreading habit; blood-red leaves, as deeply and as delicately cut as a fern.

	Each
1½ to 2 ft.	$2 50

var. aureum. Golden-Leaved Japan Maple. (VD) A distinct and desirable sort.

	Each	10
1½ to 2 feet	$2 50	$22 50

var. macranthum. (D) Large green leaves.

	Each
4 to 5 ft.	$7 50

var. reticulatum. (VD) Green leaves, mottled with yellow.

	Each
4 ft.	$7 50

var. roseum marginatis. (VD) Leaves margined with pink.

	Each
2 to 2½ ft.	$2 00
2½ to 3 ft.	3 00

Æsculus. Horse Chestnuts

Æsculus hippocastanum. Horse Chestnut. (M) Ornamental trees for shade and avenues. In May quantities of beautiful spikes of white flowers appear from among the deep green foliage.

	Each	10	100
6 to 7 ft.	$1 50	$12 50	$100 00

var. alba flore pleno. Double White-Flowering Horse Chestnut. Similar in appearance to the above. Persons who object to the litter of dropping nuts will select this variety, as it bears no fruit.

	Each	10
7 to 8 ft., 1½ to 2 in. cal.	$2 00	$17 50

A. octrandra; syn. A. flava. Buckeye. (M) A stronger and more rapid grower than either of the preceding. The leaves are also less apt to "brown" after midsummer.

	Each	10	100
7 to 8 ft., 1½ to 2 in. cal.,	$1 50	$12 50	$100 00

Alnus. Alders

Rapid-growing trees, suitable for moist places, as well as upland soils.

Alnus cordata. (M) A round-headed tree, with bright Autumn foliage.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.,	$1 00	$7 50	$60 00

A. glutinosa. EUROPEAN OR COMMON ALDER. (M) A very rapid-growing tree for upland or moist places; also for seashore planting.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.,	$1 00	$7 50	$60 00
12 to 14 ft., 1¾ to 2½ in. cal ,	1 50	12 50	
14 to 16 ft., 2½ to 3 in. cal.,	2 50	20 00	

A. incana. SPECKLED ALDER. (M) A rapid-growing tree in moist or dry soils. Leaves oval or ovate; finely toothed, dark green above, pale beneath.

	Each	10	100
8 to 10 ft., 1 to 1½ in. cal.,	$1 00	$7 50	
16 to 18 ft., 2 to 3 in. cal.,	2 00	15 00	$125 00

var. laciniata. CUT-LEAVED SPECKLED ALDER. (M) Leaves deeply cut; the lobes long and narrow.

	Each	10
8 to 10 ft.	$0 75	$6 00

Andromeda

Andromeda arborea; syn. Oxydendrum arborea. SORREL TREE. (D) A very ornamental little tree, with handsome foliage that turns a brilliant crimson in Autumn. Panicles of small white flowers resembling those of a lily-of-the-valley are borne in July.

	Each	10
4 to 5 ft.	$2 00	$17 50

A Japanese Maple (Acer polymorphum) purchased of us two years ago. There is scarcely another tree that fits as well into almost every planting scheme. The larger sizes we list, page 24, will give such results at once.

BETULA. THE BIRCHES

THE Birches are distinguished for their elegant, graceful appearance, slender branches, light, airy foliage, and for the silvery white bark of some of the species. They endure a wide range of climatic conditions, and thrive not only in moist locations, but do well even in high, dry or stony places.

Betula alba. EUROPEAN WHITE BIRCH. (M) A quick-growing tree that, after a few years, develops the beautiful white bark so familiar in many landscapes.

	Each	10
6 to 8 ft.	$1 00	$7 50

var. fastigata. PYRAMIDAL WHITE BIRCH. (M) Of compact, pyramidal habit, with silvery white bark.

	Each	10
5 to 6 ft.	$1 25	$10 00

var. laciniata pendula. WEEPING CUT-LEAVED WHITE BIRCH. (M) At an early age this tree acquires a very graceful, drooping habit and silvery white bark. The foliage is deeply and delicately cut. This tree is deservedly popular in lawn plantings.

	Each	10
8 to 10 ft.	$1 50	$12 50
10 to 12 ft.	2 00	17 50

var. pendula Youngii. YOUNG'S WEEPING BIRCH. (S) An odd, attractive tree, with singular contorted branches.

	Each
5 to 6 ft.	$2 50

Yellow Birch

Betula lutea. YELLOW BIRCH. (L) A shapely, handsome lawn tree, with bronze-colored bark. It is a strong, robust forest native, suited for landscape planting in almost all locations.

	Each	10	100
10 to 12 ft., 1¼ to 1½ in. cal.,	$1 00	$7 50	$60 00
12 to 14 ft., 1½ to 2 in. cal.,	1 50	12 50	100 00

B. nigra; syn. rubra. RED BIRCH. (L) The familiar Birch, with torn and ragged bark, that can often be seen along the banks of streams. It is a graceful, moisture-loving tree that should be in all lowland plantings.

	Each	10
7 to 8 ft.	$1 00	$7 50
18 to 20 ft., 3 to 4 in. cal.	4 50	40 00

B. papyrifera. PAPER OR CANOE BIRCH. (L) Very white bark, and loose, graceful heads when older.

	Each	10
6 to 8 ft.	$0 75	$6 00

B. populifolia. AMERICAN WHITE BIRCH. (M) A familiar native forest tree.

	Each	10
6 to 8 ft.	$1 25	$10 00

Carpinus. Hornbeam

Carpinus Americana; syn. Caroliniana. American Hornbeam. (S) A bushy tree or shrub, with leaves and bark resembling Beech.

	Each	10	100
5 to 6 ft.	$1 00	$8 00	$70 00

Carpinus Betula. European Hornbeam. (M) A strong, compact grower, with stiff, twiggy branches. Valuable for shady places and for hedges.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$35 00
4 to 5 ft.	75	6 00	

THE CATALPAS

THESE are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves are large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesting. They do well in exposed situations and meager soils. Popular in commercial and ornamental plantings. The Catalpas grow rapidly, giving quick results. As an ornamental flowering tree for midsummer, they are unsurpassed.

Catalpa Bungei. Chinese Catalpa. (D) A curious dwarf tree, with a globular head, measuring 8 to 10 feet in diameter. It is effective for lawn and terrace decorations. Quite hardy, most distinct and desirable for lawn planting.

	Each	10
Tree form, small heads	$1 50	$12 50
Tree form, medium heads	1 75	15 00
Tree form, heavy heads	3 00	27 50
Bush form, 4 to 5 ft.	$1 75	$15 00

Tree form, stocky specimens, with heads 2½ to 4 ft. in diameter, Each $5 00 to $10 00

C. ovata; syn. Kæmpferi. Japanese Catalpa. (S) Very hardy; holds its leaves a long while. Fragrant white flowers in large panicles.

	Each	10
6 to 8 ft.	$0 75	$6 00

Mrs. Taft is so fond of the Japanese Flowering Cherries that the Mikado of Japan is presenting her with quantities of them. Our illustration shows the weeping form (Cerasus avium, var. rosea pendula).

C. Speciosa. Western Catalpa. (M) Especially ornamental in June, when laden with a profusion of white flower panicles. Its strong, quick-growing habit, ability to thrive in dry or moist soils, and its large, handsome leaves make it a tree of the first order for lawn and street planting.

	Each	10	100
8 to 10 ft., 1½ to 2 in. cal.	$1 50	$12 50	$100 00

16 to 18 ft., 4 to 6 in. cal. specimens, Each $5 00 to $10 00

Celtis

Celtis occidentalis. Nettle Tree or Hackberry. (L) A highly ornamental, native tree that is similar to the Elm. Characteristic bunches of little twigs, like birds' nests, are conspicuous among the leafless branches of Winter.

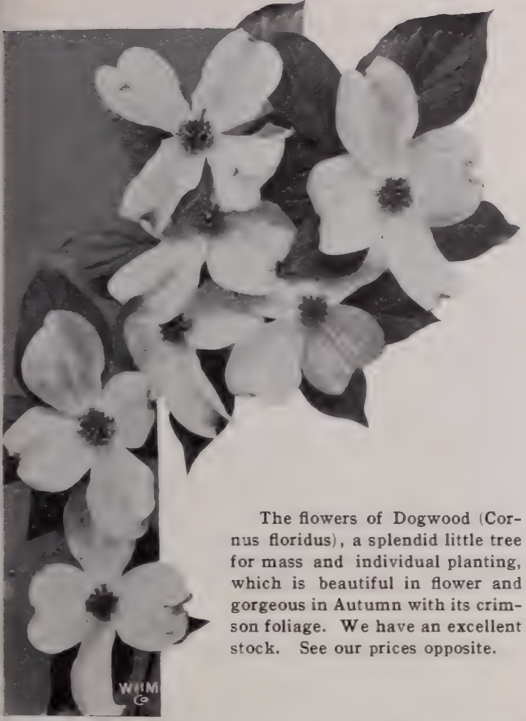
	Each	10	100
5 to 6 ft.	$1 00	$7 50	$50 00
8 to 10 ft.	1 50	12 50	

CERASUS. The Flowering Cherries

AT the beginning of Summer these trees are buried under a wealth of bloom, which is strung all along the branches. They have dense foliage, so that the taller kinds make good shade trees.

Cerasus avium, var. rosea pendula. Japanese Weeping Cherry. (X) A compact, weeping tree that makes a beautiful lawn specimen, and is so small that it can be used in very limited areas. The drooping branches almost meet the ground, and when, in May, they are hung with innumerable delicate pink flowers, there is nothing that surpasses it in beauty. At other seasons the foliage is good and the tree altogether sightly. See illustration above.

	Each	10
2-year heads	$1 75	$15 00
3-year strong heads	2 50	



The flowers of Dogwood (Cornus floridus), a splendid little tree for mass and individual planting, which is beautiful in flower and gorgeous in Autumn with its crimson foliage. We have an excellent stock. See our prices opposite.

Cerasus Chinensis, var. alba plena. DOUBLE WHITE CHINESE CHERRY. (M) Bears a wealth of large white cherry blossoms

	Each	10
5 to 6 ft.	$1 25	$10 00

var. rosea plena. (M) Similar to the above, with pink flowers.

	Each	10
5 to 6 ft.	$1 25	$10 00

C. Padus; syn. Prunus Padus. EUROPEAN BIRD CHERRY. (S) Drooping racemes of white flowers in Spring; black fruit.

	Each	10
5 to 6 ft.	$1 00	$7 50

C. Pennsylvanica. COMMON WILD BIRD OR PIN CHERRY. (M) Suited to rocky, sandy and poor soils. White flowers and bright red fruits that attract birds.

	Each	10
8 to 10 ft.	$1 25	$10 00

Cerasus Serotina. WILD BLACK CHERRY. (M) Its flower racemes are white and fragrant; its leaves glossy, and its fruits black. This is one of the most ornamental of our native trees, and deserves more general appreciation.

	Each	10	100
10 to 12 ft., 1¼ to 1¾ in. cal.,	$1 50	$12 50	$90 00
14 to 16 ft., 2 to 2¾ in. cal.,	1 75	15 00	

Cladrastis

Cladrastis tinctoria; syn. Virgilia lutea. YELLOW WOOD. (S) A pretty little tree, with smooth, light bark and graceful branches, that bear drooping racemes of sweet-scented, white Wistaria-like flowers in June.

	Each	10
6 to 8 ft.	$1 50	$12 50

Cornus. Dogwood

See **Shrubs,** page 41, also.

White Dogwood

Cornus Florida. WHITE DOGWOOD. (D) Of inestimable value in landscaping. The white-petaled flowers cover the trees in early Spring. The deep crimson Autumn leaves rival in brilliancy the Scarlet Oak. For planting in quantity with shrubs, for screens or under and among larger trees, nothing is finer. A hardy tree and good grower in almost any soil. See illustration on this page.

		Each	10	100
3 to 4 ft.	Splendid stock for natural or nursery plantings.	$0 35	$3 00	$25 00
4 to 5 ft.		50	4 00	30 00
4 to 5 ft., extra fine stock,		1 00	7 50	60 00
5 to 6 ft., extra fine stock,		1 25	10 00	75 00
6 to 7 ft., extra fine stock,		1 50	12 50	100 00
7 to 8 ft., extra fine stock,		2 00	17 50	150 00

var. pendula. (D) A weeping form of the preceding, with similar flowers.

	Each
3 to 4 ft.	$1 75
4 to 5 ft.	2 50
5 to 7 ft. specimens	$4 00 to 7 50

var. rubra. RED OR PINK-FLOWERING DOGWOOD. (D) Possesses the many good qualities of Cornus Florida, and resembles it in all but the flowers, which are a beautiful shade of pink.

	Each	10
3 to 4 ft.	$1 50	$12 50
5 to 6 ft.	2 50	

FAGUS. THE BEECHES

THESE are among the most attractive ornamental trees for lawn or park plantings. They are also useful for high screens or as specimens. Hardy, and rarely subjected to insect ravages. The deep dark red leaves of the purple variety, the delicately cut foliage of the fern-leaved and the grotesqueness of the Weeping Beech are characteristics meriting their more general use.

Fagus sylvatica. EUROPEAN BEECH. (L) A compact, long-lived tree. The foliage is dense and darker green than the American Beech. The dead leaves hang all Winter, and make this one of the very best trees for screens and hedges to shut off unsightly objects. It is also appropriate for individual planting.

	Each	10
5 to 6 ft.	$1 75	$15 00
6 to 8 ft.	4 00	35 00
8 to 10 ft.	5 00	45 00
10 to 12 ft.	7 50	60 00
	Each	
12 to 14 ft.	$8 00 to $12 00	

Fagus sylvatica, var. heterophylla. FERN-LEAF BEECH. (S) Deep, delicately cut foliage. A splendid lawn specimen.

	Each	10
3 to 4 ft.	$2 00	$17 50

var. pendula. WEEPING BEECH. (M) Beautiful weeping habit.

	Each
4 to 5 ft.	$3 00

var. purpurea. PURPLE OR COPPER BEECH. (L) A strong, vigorous tree, with beautiful purple leaves in the Spring, that fade through the Summer until they become almost green.

	Each	10
4 to 5 ft.	$1 50	$12 50
5 to 6 ft.	2 50	22 50
6 to 7 ft.	3 50	

var. Riversii. RIVERS' PURPLE BEECH. (L) This variety holds its purple color a little longer in the Summer.

	Each
5 to 6 ft.	$2 75

Fraxinus. Ash Trees

Quick-growing, inexpensive shade trees that naturally make handsome, symmetrical specimens that are suitable for almost all landscape work, especially lawn and avenue planting. In the Fall the foliage turns a brilliant yellow.

Fraxinus alba. AMERICAN WHITE ASH. (L) This grand old native is quick in growth, with massive trunk and broad, spreading limbs. It is valued for timber, shade or street planting.

	Each	10	100
6 to 8 ft.	$0 50	$4 00	$30 00
14 to 16 ft., 2 to 2½ in. cal.,	1 75	15 00	125 00
16 to 18 ft., 2½ to 3 in. cal.,	2 50	20 00	175 00

European Ash

F. excelsior. EUROPEAN ASH. (L) Taller and more rounded than the American, with larger, darker leaves, which remain on the tree late in the Fall. It thrives in moist grounds.

	Each	10	100
6 to 8 ft., 1 to 1½ in. cal.	$1 00	$7 50	$50 00
12 to 14 ft., 1½ to 2 in. cal.,	1 50	10 00	75 00
14 to 16 ft., 2 to 2¾ in. cal.,	1 75	12 50	100 00

var. pendula. WEEPING ASH. An odd tree, with low head of long, horizontal and drooping branches. Makes a unique appearance when planted individually about the lawn.

	Each	10
6 to 8 ft., good heads	$2 50	$20 00

F. Nigra; syn. sambucifolia. BLACK ASH. (L) Good foliage and broad, open heads make this a desirable shade tree.

	Each	10	100
10 to 12 ft., 1½ to 2 in. cal.,	$1 50	$12 50	$90 00

F. Ornus. EUROPEAN FLOWERING ASH. (S) A small ornamental tree, that bears great masses of fringe-like flowers in June, filling the air with a sweet fragrance.

	Each	10
6 to 7 ft.	$1 00	$7 50

Ginkgo

See **Salisburia,** page 34.

Gleditschia. Locusts

Gleditschia triacanthus. HONEY LOCUST. (L) A hardy, well-known tree, with strong thorns. Its neat, attractive habit suits it for lawn planting, and its ability to withstand shearing enables it to be used for strong hedges.

	Each	10	100
5 to 7 ft.	$0 50	$3 50	$25 00

var. inermis. THORNLESS HONEY LOCUST. (L) Otherwise it is similar to the above.

	Each	10	100
5 to 7 ft.	$0 50	$3 50	$25 00

Gymnocladus. Coffee Tree

Gymnocladus Canadensis. KENTUCKY COFFEE TREE. (L) A clear, stout shade tree, desirable for street and lawn planting. Its odd, tropical looking foliage is handsome and graceful. It seems immune from disease, and in Winter the blunt, twigless branches give it an individuality which is all its own.

	Each	10	100
10 to 12 ft., 1½ to 2 in. cal.,	$1 50	$12 50	$100 00
12 to 14 ft., 2 to 2½ in. cal.,	2 00	17 50	150 00

Juglans. The Walnuts

Some of these are quite ornamental, especially our familiar native, the **Black Walnut.** It is hard to transplant, but a grand tree when established. The **Butternut,** or **White Walnut,** is also a good shade tree. For prices of Walnuts, see Nut Trees, page 78.

Kœlreuteria

Kœlreuteria paniculata. JAPANESE VARNISH TREE. (D) A small, attractive tree, with showy panicles of yellow flowers in July. Grows easily almost anywhere.

	Each	10	100
4 to 5 ft.	$0 75	$6 00	$50 00

Larix. Larch

Larix Europæa; syn. Larix decidua. EUROPEAN LARCH. (M) A quick-growing tree, with light green needle-like leaves in very early Spring. In the Fall they turn yellow.

	Each	10	100
3 to 4 ft.	$0 75	$5 00	$40 00
4 to 6 ft.	1 00	7 50	65 00

Liquidamber. Sweet Gum

Liquidamber styraciflua. SWEET GUM. (M) A native tree of rapid growth. It is of medium height, has a narrow, pyramidal head, is hardy and grows well in either dry or damp soil. The bark is corky, and the beautiful, glossy green, star shaped leaves make a cooling shade in Summer, but in Autumn its foliage varies from bright red to the darkest crimson.

	Each	10
6 to 7 ft.	$1 25	$10 00
16 to 18 ft., 4 to 5 in. cal.	5 00	45 00

Cheap; quick-growing; long-lived; immune from insects; a rare combination of virtues found in the Tulip Poplar or Liriodendron, described and listed on this page. Our illustration shows the even development of young trees used in lawn planting; also the flowers.

LIRIODENDRON. TULIP POPLAR

Liriodendron tulipifera. TULIP TREE OR TULIP POPLAR. (L) A grand native tree of rapid growth, that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green, glossy and dense. It flowers freely in June, producing numerous creamy yellow, fragrant tulip-like flowers. We have an unusually fine stock this year of trees splendidly suited for lawn or avenue plantings.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.	$1 50	$12 50	$100 00
10 to 12 ft., 1½ to 2 in. cal.,	1 75	15 00	125 00
12 to 14 ft., 2 to 2½ in. cal.,	2 50	20 00	

THE MAGNOLIAS

THEIR lavish profusion of large and beautiful flowers, their fragrance, richness of foliage and stately, tropical aspect place the Magnolias easily first among flowering trees. Planted in groups, their Spring inflorescence is grand beyond description; as lawn specimens or against an evergreen foil, their large, glossy foliage and shapely outline make them beautiful anywhere. They thrive in any good soil, but like best one that is warm, rich and moderately moist. Plant in Spring to insure best results.

American Magnolias

Magnolia acuminata. CUCUMBER TREE. (M) A symmetrical lawn or avenue tree, with handsome foliage. Yellowish green flowers in June, and scarlet cucumber-shaped seed vessels later.

	Each	10	100
6 to 8 ft.	$1 50	$12 50	$100 00
8 to 10 ft.	2 00	17 50	140 00

Magnolia glauca. (S) The native "Sweet Bay" of our swamps, whose fragrant white flowers in June are much admired. Its glossy, laurel-like leaves remain green until late in the Fall.

	Each	10
2 to 3 ft.	$1 25	$10 00

M. tripetala. UMBRELLA TREE. (M) Bright, shining leaves, 1 to 1½ feet long, with flowers 4 to 6 inches in diameter in June.

	Each
7 to 8 ft.	$1 25

As soon as snow goes, the Oriental types of Magnolia clothe themselves with flowers like these. The varieties Lennei, Soulangeana, Alexandrina and speciosa have pink flowers, while Kobus, alba superba, conspicua and stellata have white flowers.

Oriental Species of Magnolia and Their Hybrids

These varieties retain their lower branches more than American sorts, thus assuming bush-like proportions. They flower earlier and more profusely. We recommend Spring planting for all Magnolias, and carry our stock accordingly, so that in the Fall our assortment of varieties and grades is apt to be broken, and purchasers will do well to name a second choice.

Magnolia alba superba. (S) Beautiful white flowers. This variety is easier to raise than the more expensive white-flowering variety, "Conspicua," which it closely resembles, so we are using it in preference to the other, which we still have, however.

	Each	10
3 to 4 ft.	$2 00	$17 50
4 to 5 ft.	2 50	

M. conspicua; syn. Yulan. CHINESE WHITE MAGNOLIA. (S) The earliest to flower.

	Each
3 to 4 ft.	$3 00

M. Kobus. THURBER'S MAGNOLIA. (M) One of the hardiest kinds. It has an even, symmetrical development, branching from the ground, and splendid shining green leaves that are attractive all the season. In May fragrant white flowers appear and last longer than those of most kinds.

	Each	10
3 to 4 ft.	$1 25	$10 00
5 to 6 ft., heavy specimens	4 00	35 00
6 to 8 ft., heavy specimens	$5 00 to $7 50	

M. Lennei. LENNE'S MAGNOLIA. (S) This remarkable tree blooms in May, and frequently again in late Summer. Its flowers are dark rose without and pearly white within. It is a strong grower, that makes a grand display when in flower.

	Each	10
3 to 4 ft.	$1 75	$15 00
4 to 5 ft.	2 50	
7 to 9 ft. specimens	7 50	

M. purpurea; syn. obovata. (D) A late flowering sort of bushy habit, with deep purple flowers.

	Each	10
2½ to 3 ft.	$1 50	$12 50

Magnolia Soulangeana. SOULANGE'S MAGNOLIA. (S) Among the hardiest and finest of the foreign varieties. The large purple and white flowers are a familiar and gorgeous sight in Springtime, and attractive anywhere.

	Each	10
3 to 4 ft.	$2 00	$17 50
4 to 5 ft.	2 50	20 00
5 to 6 ft.	3 00	27 50

var. Alexandrina. (S) Blooms a few days earlier, otherwise similar to the above.

	Each	10
3 to 4 ft.	$2 00	$17 50
4 to 5 ft.	2 50	20 00

M. speciosa. (S) Flowers a little smaller and later than M. Soulangeana, otherwise the same.

	Each	10
3 to 4 ft.	$2 00	$17 50
4 to 5 ft.	2 50	

M. stellata; syn. Halleana. HALL'S JAPANESE MAGNOLIA. (D) Dwarf and bushy. Semi-double, white star-like flowers, delicate and fragrant.

	Each	10
2½ to 3 ft.	$2 50	$20 00

Morus. Mulberries

The fruiting varieties are listed under Fruit Trees, on page 76.

Morus nigra, var. Tartarica pendula. TEAS' WEEPING MULBERRY. Requires but two or three years to develop into a handsome weeping tree that will ornament any lawn. The pendulous branches sweep the ground in shining lengths. One of the best weeping trees in cultivation.

	Each	10
4 to 5 ft., 1-year heads	$1 25	$10 00
4 to 5 ft., strong 2-year heads	1 50	12 50
4½ to 6 ft., heavy specimens	$4 00 to $5 00	

Nyssa. Sour Gum

Nyssa sylvatica; syn. N. multiflora. SOUR GUM. (M) A native tree, especially liked for gorgeous scarlet coloring of its foliage in early Autumn.

	Each
4 to 5 ft.	$1 50
6 ft.	2 00

Paulownia

Paulownia imperialis. EMPRESS TREE. (M) This is an odd-looking tree, with immense leaves that often measure 18 inches across, and in June bears long panicles of purplish flowers. Odd and desirable for decorative effects.

	Each	10
6 to 8 ft.	$1 25	$10 00

Persica. Flowering Peaches

Little trees that wrap themselves in rich clouds of fragrant bloom early in Spring. They mature rapidly and resemble the fruit-bearing peach.

Persica vulgaris, var. alba plena. DOUBLE WHITE-FLOWERING PEACH. (D).

	Each
3 to 4 ft.	$0 60

var. foliis purpureis. PURPLE-LEAVED PEACH. (D).

	Each
3 to 4 ft.	$0 60

var. rosea plena. DOUBLE PINK FLOWERING. (D).

	Each
3 to 4 ft.	$0 60

var. sanguinea plena. DOUBLE RED FLOWER-NG. (D).

	Each
3 to 4 ft.	$0 60

Phellodendron

Phellodendron Amurense. CHINESE CORK TREE. (M) A tropical-looking tree, with long, pinnate foliage, similar to that of an Ailanthus. It is hardy as far north as Massachusetts, grows rapidly when young, forms a low, round head. Withstands heat and drought. It is valued as a specimen and also makes a splendid avenue tree.

	Each	10
12 to 14 ft., 2¼ to 3 in. cal. spec.,	$3 00	$25 00

Platanus. Plane or Buttonwood

The Platanus is among our tallest trees; grows rapidly into massive proportions; is hardy and remarkably free from disease. It is a great favorite for streets, parks or lawns; does well in most soils; withstands the smoky atmosphere of cities, and thrives near the seashore.

Platanus occidentalis. BUTTONWOOD. (L) Our grand native sort, which grows to majestic size and is so conspicuous in Winter with its gray-white bark.

	Each	10
10 to 12 ft., 1½ to 2 in. cal.	$2 00	$15 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	20 00

P. orientalis. ORIENTAL PLANE. (L) Similar to preceding, but a cleaner tree and a better grower. It is popular in all landscape work, and especially suited for street trees in city and suburban localities.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.,	$1 50	$12 50	$100 00
12 to 14 ft., 1¾ to 2¼ in. cal.,	2 00	17 50	
18 to 20 ft., 2½ to 3 in. cal.,	5 00	45 00	

Prices of a few larger trees upon application.

POPULUS. THE POPLARS

THESE trees grow fast, are quickly effective and cheap. They thrive in almost any soil, and withstand well the smoke and gases of city streets. Where quick shade or temporary effects are desired, Poplars are much used.

Populus alba, var. Bolleana. BOLL'S POPLAR. L) In habit, resembles the Lombardy Poplar, but eaves are silvery white beneath.

	Each	10	100
to 10 ft.	$1 00	$7 50	$60 00

Carolina Poplar

P. monilifera; syn. deltoides. CAROLINA 'OPLAR. (L) The heart-shaped leaves are glossy nd fresh-looking. Withstands well conditions nder which many trees die. Largely planted in ities, and for quick effect about new buildings. t is a sure and rapid grower.

	Each	10	100
to 10 ft., 1 to 1¼ in. cal.,	$0 75	$5 00	$40 00
0 to 12 ft., 1¼ to 1½ in. cal.,	1 00	7 50	50 00
2 to 14 ft., 1½ to 2 in. cal.,	1 50	10 00	75 00
6 to 18 ft., 3 to 4 in. cal.,	3 00	25 00	

Lombardy Poplars

P. nigra, var. fastigata; syn. P. Italica nigra. LOMBARDY POPLAR. (L) A tall, columnar form that is in contrast to the more rounded outline of other trees. It branches from the ground, and is much used where a tall hedge is wanted as a screen Especially valued for formal effects.

	Each	10	100
8 to 10 ft., low branched	$0 75	$6 00	$40 00
10 to 12 ft., low branched and fine	1 25	10 00	75 00
12 to 14 ft., low branched and fine	1 50	12 50	100 00

P. trichocarpa. (M) A rapid-growing, new variety, with heavy, glossy leaves that have a silvery under surface.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.,	$1 00	$7 50	$60 00

The slender, towering form of the Lombardy Poplar (Populus nigra, var. fastigata) is conspicuous in all landscapes, either formal or informal. Planted closely together, they make quick-growing, high screens, which are as inexpensive and effective as anything which can be planted. Our trees are heavily branched from the ground and of superior quality.

Prunus

For trees sometimes described under this head, see Cerasus. For the shrubby varieties of Prunus, see page 51.

Pyrus. Flowering Crab Apples

Hardy little flowering trees, that bloom abundantly in Spring. Their double fragrant flowers are always enthusiastically remarked upon.

Pyrus baccata. SIBERIAN FLOWERING CRAB (S)

	Each	10
4 to 5 ft.	$1 00	$8 00

P. coronaria. SWEET-SCENTED CRAB. (S)

	Each	10
4 to 5 ft.	$1 00	$8 00

P. floribunda. FLOWERING CRAB. (S) Rosy red flowers in May, and attractive fruit in the Autumn.

	Each
4 to 5 ft.	$0 75

P. Ioensis, var. Bechteli. BECHTEL'S DOUBLE-FLOWERING CRAB. (S) Bears masses of double rose-like flowers of delicate pink color and most delightful fragrance.

	Each	10
3 to 4 ft.	$0 75	$6 00

P. Parkmani. PARKMAN'S DOUBLE-FLOWERING CRAB. (D) A beautiful little tree, to be planted singly or in clusters about the lawn. At the close of April it sends forth clusters of dark rose-colored buds that open into beautiful little rosy white flowers of exquisite fragrance.

	Each	10
3 to 4 ft.	$1 25	$10 00

P. spectabilis. CHINESE DOUBLE-FLOWERING CRAB. (S) One of the best, bearing in May fragrant white flowers that are coral red when only in bud.

	Each	10
4 to 5 ft.	$0 75	$7 00

var. rosea. CHINESE DOUBLE PINK-FLOWERING CRAB. (S)

	Each
4 to 5 ft.	$1 00

P. Toringo. DWARF CRAB. (D) White or blush flowers in Spring; small, yellow fruit and bright foliage in Autumn.

	Each	10
3 to 4 ft.	$0 60	$5 00

QUERCUS. THE OAKS

THESE grand trees, possessing so many virtues, do not grow slowly, as it is often supposed. Their great vigor and hardihood enable them to withstand the drought of hillsides and the caustic influence of sea spray. Their broad, spreading heads make them desirable shade trees for lawns, parks, public grounds and avenues. The brilliant Autumnal coloring of some species is everywhere commented upon. Our Oaks are frequently transplanted, and when thus cared for, are not difficult to establish.

White Oak

Quercus alba. WHITE OAK. (L) A well-known grand old native tree, with broad, spreading head. It grows easily in most any soil, and, contrary to general belief, does not grow slowly. Seldom requires trimming or attention, and will reach a ripe old age. Well adapted for lawn and park plantings or for avenue use. Our trees have been frequently transplanted, and are in splendid condition for planting.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.,	$2 00	$17 50	$150 00
12 to 14 ft., 2¼ to 2¾ in. cal.,	2 50	22 50	200 00
14 to 16 ft., 2¾ to 3½ in. cal.,	4 00	35 00	300 00

The White Oak (Quercus alba) is long-lived and while young grows as rapidly as most trees, and it is one of the best for lawn and avenue purposes. This year we offer some handsome, well-formed specimens, which, if planted now, will in four or five years be like those shown in this picture.

Quercus coccinea. SCARLET OAK. (L) Valued for the sparkling red of its Autumn foliage.

	Each	10
6 to 8 ft.	$1 50	$12 50
8 to 10 ft.	2 00	

Q. macrocarpa. MOSSY CUP OAK. (L) Of massive open growth, with large, heavy leaves and deeply corrugated bark. The cups of the large acorns are curiously fringed as with gray moss. Among the noblest of all the species.

	Each	10
8 to 10 ft., 1¼ to 1¾ in. cal.	$2 00	$17 50

Pin Oak

Q. palustris. PIN OAK. (L) A tree of especial grace and beauty; it is the most popular of all Oaks; unsurpassed as lawn specimens, admired for avenues, and withstands well the unnatural conditions of our cities. As the tree grows, the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the Fall. We have a fine stock of these desirable trees that have recently been transplanted and are in splendid condition for planting now.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$70 00
8 to 10 ft.	1 50	13 50	125 00
10 to 12 ft., 1½ to 2 in. cal.,	2 00	17 50	150 00
14 to 16 ft., 1¾ to 2½ in. cal.,	2 25	20 00	175 00
16 to 18 ft., 3 to 3½ in. cal.,	4 00	35 00	300 00
16 to 18 ft., 3½ to 4 in. cal.,	5 00	45 00	400 00

	Each
18 to 20 ft., 4 to 5 in. cal.	$7 50 to $10 00

Prices of larger trees upon application.

Chestnut Oak

Quercus prinus. CHESTNUT OAK. (L) One of the quickest-growing Oaks, forming a broad, open tree. Distinctive because the leaves so closely resemble those of a Chestnut. Should be used more frequently on lawns and roadsides. In Autumn, the leaves turn shades of scarlet bronze and yellow.

	Each	10	100
10 to 12 ft.	$2 00	$17 50	
12 to 14 ft., 2 to 2¾ in. cal.,	2 50	22 50	
14 to 16 ft., 2½ to 3 in. cal.,	3 00	27 50	$250 00

Q. robur; syn. pedunculata. ENGLISH OAK. (L) A spreading, long-lived tree, with leaves that are dark green and smaller than those of our native species. Well adapted for lawn and public grounds.

	Each	10	100
6 to 8 ft., 1¼ to 1¾ in. cal.,	$1 50	$12 50	$90 00
14 to 16 ft., 2¼ to 3 in. cal.,	2 50	22 50	200 00
16 to 18 ft., 3 to 4 in. cal.,	3 50	30 00	250 00

Q. rubra. (L) RED OAK. A large native tree, with deeply cut, bright green leaves. It is a good grower and not particular about the soil. In Autumn the foliage turns a rich purplish crimson, that is scarcely surpassed in brilliancy by any other tree.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.,	$1 50	$12 50	$115 00
10 to 12 ft., 1¾ to 2¼ in. cal.,	2 00	17 50	150 00

In the Fall of 1905 we shipped 125 Pin Oaks (Quercus palustris), see this page, 12 to 14 feet high, to the Tuskegee Normal and Industrial Institute at Tuskegee, Ala. Every tree lived and three years later they looked like this one. We have just as good trees now and many large enough to produce at once the results shown here.

Quercus velutina; syn. tinctoria. Black Oak. (L) A common woods tree, well suited for lawn and avenue uses.

	Each	10
8 to 10 ft., 1½ to 2 in. cal.	$1 75	$15 00

Robinia. Black Locust

Robinia pseudacacia. Black Locust. (L) A familiar tree of rapid growth, that thrives in any place. The pinnate foliage is light and airy. In June the tree is fragrant with panicles of white flowers, and very ornamental. Its growth is rapid. The timber is so durable that it is valued for commercial purposes.

	Each	10	100
5 to 6 ft.	$0 50	$3 50	$25 00

Salisburia. Ginkgo

Salisburia adiantifolia. Ginkgo or Maidenhair Tree. (M) This tree is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair Fern; but its value lies in the fact that it is immune from the ordinary attacks of insects, and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds, and useful for street planting. Of medium height, pyramidal in growth, sparsely branched, and of characteristic irregular outline.

	Each	10
8 to 10 ft., 1¼ to 1¾ in. cal.	$1 50	$12 50
10 to 12 ft., 1¾ to 2¼ in. cal.	2 00	17 50

SALIX. THE WILLOWS

A LARGE family which embraces varied forms, and includes some of our commonest and most ornamental trees. They are hardy throughout the temperate zone. Willows will grow almost anywhere, and need not necessarily be planted beside streams and waterways, as is commonly supposed. They mature so quickly that they are very satisfactory to plant for quick effects. The golden-barked varieties are especially interesting and attractive in Winter, when the leaves have left their brilliant branches.

Some Weeping Willows

That are quick-growing, graceful trees. See illustration.

Salix Babylonica. Weeping Willow. (M) This is the well-known Weeping Willow, whose long, pendulous branches droop so gracefully and sway to the lightest breeze. Makes an admirable shade tree, and grows well in wet or dry places.

	Each	10	100
5 to 7 ft.	$0 50	$3 50	$25 00
8 to 10 ft., 1¼ to 1¾ in. cal.,	1 00	7 50	60 00
10 to 12 ft., 1½ to 2 in. cal.,	1 50	12 50	100 00
12 to 14 ft., 2 to 2½ in. cal.,	2 00	17 50	

var. annularis. Ring-Leaved Willow. (M) It possesses the same weeping habit as the above. The leaves are darker green, and curl exactly like a ram's horn. A desirable, attractive and interesting tree.

	Each	10
10 to 12 ft., 1½ to 2 in. cal.	$1 50	$12 50

var. dolorosa. Wisconsin Weeping Willow. (M) Very similar to the Babylonian Weeping Willow, but hardier in our coldest States.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.,	$1 00	$7 50	$60 00

Thurlow's Weeping Willows

S. elegantissima. Thurlow's Weeping Willow. (M) In our Nurseries, where we have had opportunity to observe all of these Willows, we find this variety the strongest, most vigorous grower. In general appearance it is almost identical with the Babylonian types. We highly recommend it.

	Each	10	100
6 to 8 ft.	$0 50	$3 50	$25 00
10 to 12 ft., 1¼ to 1½ in. cal.,	1 00	7 50	60 00
12 to 14 ft., 1½ to 2 in. cal.,	1 50	12 50	100 00
14 to 16 ft., 1¾ to 2¼ in. cal.,	2 00	15 00	125 00

Bush and Other Willows

Salix alba; syn. regalis. (M) Upright habit; strong grower and very hardy; slender, light gray branches, and narrow, silvery gray leaves. Well suited for quick-growing mass plantings or for wet soils.

	Each	10	100
3 to 5 ft.	$0 50	$3 50	$25 00
8 to 10 ft.	1 25	10 00	

S. caprea. Goat or Pussy Willow. (S) A quick-growing shrubby tree, which is pretty in the first warm days of Spring, with a multitude of small, fur-like catkins along its branches. Often called "Pussy Willow."

	Each	10	100
8 to 10 ft., fine	$1 25	$10 00	$75 00

var. pendula. Kilmarnock Willow. A curious umbrella-shaped form, with silvery gray leaves. Our stock has been grafted on stems 4 or 5 feet in height and makes attractive little trees, covered in Spring with soft, fur-like catkins.

	Each
2-year heads	$1 00

S. incana; syn. rosmarinifolia. Rosemary Willow. (D) A handsome, odd-looking tree or bush, with rounded head and slender twigs.

	Each	10	100
4 to 5 ft., bushy	$0 75	$6 00	$50 00
2-year heads, grafted	1 00		
3-year strong heads, grafted,	1 50		

S. pentandra. Bay or Laurel-Leaved Willow. (S) Has narrow, dark green, glossy leaves, that shine conspicuously in the sunlight. A strong grower at the seashore, along water-edges or high ground.

	Each	10	100
5 to 6 ft., tree form	$0 75	$5 00	$40 00

S. Russian. Golden. (S) Strong, hardy grower, with golden twigs, tinted with red at the ends.

	Each	10	100
5 to 6 ft.	$0 50	$3 50	$25 00
8 to 10 ft.	1 00	7 50	50 00

Under the heading, "Some Weeping Willows," page 34, we describe and offer four varieties which are similar, and any one of them will grow to look like this. They are graceful and fitting trees for water-edges and upland places. We find the comparatively new variety, Salix elegantissima, or Thurlow's Weeping Willow, to be one of the best.

Salix Vitellina, var. aurea. (M) Grows into a massive, low-headed tree. Light green leaves and brilliant golden-yellow bark, that is particularly bright in the leafless months of Winter. It makes a fine specimen, with a personality that other trees do not possess.

	Each	10	100
5 to 6 ft.	$0 50	$4 00	$30 00

Weeping Golden-Barked Willow

var. aurea pendula. (M) WEEPING GOLDEN-BARKED WILLOW. The bright golden-yellow branches of this Willow weep gracefully in long, swaying lengths. It grows rapidly in low or upland places, and endures abuse and neglect. It is rare, but so desirable that we urge its more general use.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.	$1 00	$7 50	$60 00
10 to 12 ft., 1¾ to 2¼ in. cal.	1 25	10 00	75 00
12 to 14 ft., 1½ to 2½ in. cal.	1 50	12 50	100 00
16 to 18 ft., 2½ to 3 in. cal.	2 50	20 00	175 00

var. glauca. (S) A tree we brought from Europe several years ago. It has slender branches, and small, narrow green leaves that are silvery beneath. The bark is slatish gray. A good tree or large bush for moist places and water-side plantings.

	Each	10	100
4 to 5 ft., bushy	$0 50	$3 50	$25 00
5 to 7 ft., bushy, heavy	75	5 00	40 00
8 to 10 ft., bushy, very heavy	1 00	7 50	50 00

Sassafras

Sassafras officinale. (S) Our familiar native that is so gorgeous in the Fall, with its brilliant coat of crimson and yellow.

	Each	10
5 to 6 ft.	$1 00	$8 00

Sophora

Sophora Japonica. JAPAN PAGODA TREE. (S) Small, shining green leaves. In August, when there are few other flowers, this is showy with clusters of creamy-white bloom. The wood of young twigs is olive-green.

	Each	10
2½ to 3 ft.	$1 00	$7 50
5 to 6 ft. specimens	2 00	17 50

Sorbus. Mountain Ash

Sorbus (Pyrus) aucuparia. MOUNTAIN ASH. (M) A tree of neat habit, with attractive compound leaves. Flat corymbs of white flowers in May, succeeded in July by showy clusters of orange-red berries that hold a long time.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$50 00

var. pendula. WEEPING MOUNTAIN ASH. Foliage similar to the above, but the habit remarkable for its odd drooping branches.

	Each	10
5 to 7 ft., 3-year good heads	$1 75	$15 00

var. quercifolia; syn. hybrida. OAK-LEAVED MOUNTAIN ASH. (M) Flowers and fruit like those of the European Ash. Leaves shaped like those of an Oak.

	Each	10
5 to 6 ft.	$1 00	$7 50

Taxodium. Bald Cypress

Taxodium distichum. DECIDUOUS OR BALD CYPRESS. (L) Grows rapidly and thrives well in damp or dry soils. Very beautiful when in full leaf, with its fleecy, light green, cheerful foliage. It is a remarkably tall, narrow-headed tree, of conical outline, that is popular for ornamental specimens and formal planting.

	Each
5 to 6 ft.	$1 00

The American Linden (Tilia Americana) is popular for almost all purposes. Our 12- to 14-foot trees, listed on this page, will give at once the results shown here.

Tilia. Linden or Lime

American Lindens

Tilia Americana. American Linden or Basswood. (M) A rapid-growing native, that develops into a large, broad, open-headed tree. The large, heart-shaped leave cast a dense shade. It is hardy an grows in almost any soil. In Sprin it has small, yellow flowers, that fi the air with fragrance. One o the best shade trees for law planting. Also desirable for stree and avenue. See illustration.

	Each	10	100
10 to 12 ft., 1½ to 2 in. cal.	$1 75	$15 00	$140 0
12 to 14 ft., 2 to 2½ in. cal.	2 00	17 50	165 0
14 to 16 ft., 2½ to 3 in. cal.	2 50	22 50	200 0
14 to 16 ft., 3 to 3½ in. cal.	4 00	37 50	350 0

Each
18 to 22 ft., 4 to 5 in. cal. . . . $7 50 to $10 0

T. argentea; syn. tomentosa. Silver Leaved Linden. (M) The silvery white leave glisten in the sunlight, and contrast beautifully with other trees.

	Each	10
12 to 14 ft., 2 to 2¾ in. cal..	$3 00	$25 0

T. platyphyllos. Broad-Leaved European Linden. (M) The head of this tre is not so open as that of the American species; leaves the same size, but rough. Th small flowers open at least a week earlier i Spring. In other respects it possesses characteristics similar to all Lindens.

	Each	10	100
12 to 14 ft., 1¾ to 2¼ in. cal.	$2 00	$17 50	
14 to 16 ft., 2 to 2½ in. cal.	2 50	22 50	$200 0
14 to 16 ft., 2½ to 3 in. cal.	3 50	32 50	300 00

T. vulgaris, var. rubra. European Linden. (M) A symmetrical, compact tree, with heart-shaped leaves and red-barked twigs. Familiar in all foreign landscapes, and perfectly adapted to our own climate.

	Each	10	100
8 to 10 ft., 1½ to 2 in. cal.,	$1 50	$13 50	$125 00
10 to 12 ft., 2 to 2½ in. cal.,	2 50	22 50	

ULMUS. THE ELMS

In landscape planting the Elm is generally useful. It is of massive proportions, long-lived, and the branches spread into graceful arches that support a drooping canopy of foliage. The heads are so open that electric wires do not injure them, a desirable feature of all street trees. It is extensively used for wide lawns, parks or public grounds, over which they cast their cooling shade.

American Elm

Ulmus Americana. American Elm. (L) This familiar tree, which arches many New England streets, grows well in other sections. Its rapid growth and especial grace make it unsurpassed for urban and suburban planting.

	Each	10	100
7 to 8 ft.	$1 00	$7 50	$65 00
8 to 10 ft., 1¼ to 1½ in. cal.,	1 25	10 00	90 00
10 to 12 ft., 1½ to 2 in. cal.,	1 75	15 00	
14 to 16 ft., 2½ to 3 in. cal.,	3 50	30 00	275 00
14 to 16 ft., 3 to 3½ in. cal.,	4 00	37 50	

Ulmus campestris. ENGLISH ELM. (L) Equally ine and imposing, and is just as useful as our native variety. Holds its leaves a longer time than the American sort.

	Each	10
5 to 8 ft.	$1 50	$12 50
12 to 14 ft., 2 to 3 in. cal.	3 50	30 00
16 to 18 ft., 3 to 4 in. cal. specimens,	6 00	50 00

var. monumentalis. MONUMENTAL ELM. (L) Leaves similar to the better-known English Elm, and not so likely to be attacked by insects as our native Elm is. Tall, erect grower. We have some stocky, fine trees.

	Each	10
12 to 14 ft., 2 to 2½ in. cal.	$3 50	$32 50

U. scabra, var. dovæi. (M) Also similar to the English Elm. Upright and vigorous grower. Valuable for lawn and street use.

	Each	10
8 to 10 ft., 1¼ to 1¾ in. cal.	$2 00	$17 50

Ulmus scabra, var. Huntingdoni. HUNTINGDON ELM. (L) Clean, smooth bark; erect, stately habit. Not as subject to attacks of insects as some kinds, and one of the very best ornamental trees for any purpose.

	Each	10	100
8 to 10 ft., 1 to 1½ in. cal.,	$1 25	$11 50	$100 00
14 to 16 ft., 2½ to 3 in. cal. specimens	4 00	37 50	

var. pendula. CAMPERDOWN OR WEEPING ELM. Its branches grow outward and downward in odd, interesting forms, which, when covered with its handsome dark green leaves, forms a shady, tent-like canopy. Beautiful as a specimen on almost any lawn.

	Each	10
6 to 7 ft., strong heads	$3 00	$25 00

	Each
5 to 6 ft., strong, heavy heads	$3 50 to $5 00

Who would know that any ugly building is hidden from view by this beautiful planting? Quantities of lawns have need of similar screens, and we have the stock that will make them quickly.

Moon's Shrubs did this in four years.

WHETHER planted individually or collectively, the shrub is an important feature in the adornment of any grounds. There are locations which suggest the planting of individual shrubs, which are allowed space for symmetrical development, and in such locations their grace and beauty cannot be surpassed. In groups they can be made to emphasize some feature of the lawn, to screen some unsightly object or to destroy the strong, stiff lines of foundation walls. At the edges of the lawn, along walks and drives, or in distant corners, a collection of shrubs may be gathered that will give a succession of bloom from the opening of Spring until frost comes to destroy the flowers. Shrubs with purple and yellow leaves should be added, to give character and contrast to the planting. When the leaves have gone, the brilliant fruits of other species and bright, conspicuous bark of certain shrubs add variety and interest to the monotony of Winter.

The assortment we offer includes varieties suited to every purpose, and our strong, well-rooted plants produce immediate effects that are not possible with smaller and lighter sizes.

Special prices will be made on shrubs in large quantities. Shrubs that usually grow over 12 feet are marked (L); from 8 to 12 feet, (M); from 6 to 8 feet, (S); 3 to 6 feet, (D); and 3 feet and below, (VD).

Amelanchier

Amelanchier botryapium. JUNEBERRY. (L) April. White flowers. Suited for wild effects, also for partially shaded places and for shallow, rocky soils.

	Each	10	100
2½ to 3 ft.	$0 35	$2 50	$20 00

Amorpha

Amorpha canescens. LEAD PLANT. (D) June. Blue flowers in dense terminal panicles. Prefers a sunny, well-drained position. Interesting in any planting of shrubbery.

	Each	10	100
1 to 1½ ft.	$0 25	$1 50	$12 00
1½ to 2 ft.	35	2 50	

Amorpha fruticosa. FALSE INDIGO. (L) Terminal panicles of pretty, odd and attractive bluish purple flowers in July.

	Each	10	100
2 to 3 ft.	$0 25	$1 50	$12 00

Amygdalus. Almonds

Amygdalus communis, var. alba flore pleno. WHITE-FLOWERING ALMOND. (M) Erect, slender branches, covered in May with small, very double and fragrant white flowers.

	Each	10	100
2 to 3 ft.	$0 50	$3 50	$30 00

var. rosea flore pleno. PINK-FLOWERING ALMOND. (M).

	Each	10	100
2 to 3 ft.	$0 50	$3 50	$30 00

Amygdalus communis, var. rubra flore pleno. Red-Flowering Almond. (M).

	Each	10	100
2 to 3 ft.	$0 50	$3 50	$30 00

Andromeda

Andromeda Mariana. Lily-of-the-Valley Shrub. (VD) A neat little plant, with bright green leaves, valuable in groups and at the front of shrubberies. In early Spring it is fragrant with small, waxy white flowers.

	Each
1 to 1½ ft.	$0 50

Aralia

Aralia pentaphylla; syn. Acanthopanax pentaphyllum. (M) Splendid for rocky banks, slopes and mass plantings. Slender, prickly branches. Shining green leaves. Luxuriant, lustrous foliage until late Autumn.

	Each	10	100
3 to 4 ft., heavy	$0 50	$3 50	$25 00

A. spinosa. Hercules' Club. (L) A native, with stout, thorny branches. Leaves 1 to 3 feet long. Very ornamental, but odd. Grows quickly in any soil. Enormous panicles of white flowers in August.

	Each	10	100
4 to 6 ft.	$0 50	$3 50	$30 00

Azaleas

Among the most gorgeous and best-flowering plants in cultivation. They are useful in all landscape work, and can be employed in bedding or massing, and particularly in connection with Rhododendrons and Kalmias, or wherever a natural effect is desired. The native kinds grow well in heavy, moist soil; all are partial to shady places. After the flowering season is over, remove the seed-pods to increase the next season's bloom.

Azalea amœna. The handsome little evergreen variety, which is fully described and listed among "Evergreen Shrubs," on page 17. This variety is also very suitable to associate with Deciduous Shrubs in beds and borders.

A. arborescens. Fragrant White Azalea. (M) Flowers white, tinged with rose and very fragrant. A good native variety.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50 00

A. calendulacea. Flame Azalea. (S) May and June. Almost scentless, but gorgeous, with a multitude of large orange-yellow or fiery red flowers, that last a long time.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50 00

A. mollis. Chinese Azalea. (D) This little plant is literally covered with bloom in April or May. The flowers are larger than those of some other Azaleas. The bloom shows a multiplicity of color in shades of red, yellow and white.

	Each	10	100
1½ to 2 ft., heavily budded,	$1 00	$7 50	$60 00

A. nudiflora. Pinxter Flower or Wood Honeysuckle. (S) A native, fond of moist places, and beautiful in May, with pinkish white flowers.

	Each	10
1 to 1½ ft.	$0 75	$6 00

Azalea pontica. Ghent Azalea. (D) April. This species is unequaled for brilliancy and variety of color. The habit is very similar to A. mollis; the flowers not quite so large or perfect; the colors possibly a little more delicate; an especially pretty sort to plant among beds of Rhododendrons and other broad-leaved evergreens.

	Each	10	100
1½ to 2 ft., heavily budded,	$1 00	$7 50	$70 00
3 to 4 ft., standard form	3 00		

A. Vaseyi. Southern Azalea. (S) Rosy white flowers. April.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50 00

A. viscosa. White Azalea. (S) June and July. Fragrant white flowers, shaded with rose. Grows in moist or dry ground.

	Each	10	100
1 to 1½ ft.	$0 60	$5 00	$40 00

Azalea mollis. This and all the varieties of Azaleas are thickly covered with showy flowers in Spring or early Summer. The varieties mollis and pontica have the most gorgeous flowers.

Baccharis

Baccharis halmifolia. Groundsel Tree or Salt Bush. (M) September. Desirable for Autumn and Winter effects, because of the beautiful crop of cotton-like seed vessels that cover it when so little else is attractive. Grows rapidly anywhere, and is especially suited for seaside planting.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft.	35	3 00	20 00
5 to 6 ft.	50	4 00	

Benzoin

Benzoin odoriferum; syn. Lindera benzoin. Spice Bush. (M) March and April. As soon as frost goes, the leafless branches are clothed with small, yellow flowers, succeeded later by scarlet berries. Splendid shrubs for mass effects in natural plantings, and well adapted for planting in wet or moist soils.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
4 to 5 ft., heavy	75	5 00	35 00

Moon's Trees almost exclusively used in this cemetery at Greensboro, N. C.

BERBERIS. The Barberries

A VALUABLE group of small shrubs, admired for their foliage and brilliant fruits, that cling along the leafless branches at a time when few other shrubs are attractive. They can be grown in dry and shady soils, as well as in other places. The dense habit, slender, thorny branches and ability to withstand clipping make the Barberries invaluable for low hedges and boundaries. They are much admired for the front of shrubberies, for groups and wherever small shrubs are desired. Plant in Spring or Fall.

Berberis hackadata. (D) A remarkably vigorous-growing sort, with handsome, dark green foliage. It is one of the best.

	Each	10	100
1½ to 2 ft	$0 25	$2 00	$15 00

B. ilicifolia. Holly-Leaved Barberry. (S) May. A splendid variety, with almost evergreen foliage.

	Each	10	100
2 to 3 ft., clumps	$0 60	$5 00	$40 00

Thunberg's Japanese Barberry

B. Thunbergii. Thunberg's Japanese Barberry. (S) May. Invaluable little shrub that fits in with almost every planting. Will grow just about anywhere, and has handsome foliage of tiny, bright green, oval leaves, that turn the most brilliant shades of orange and red in the Fall. The slender, graceful branches, which are protected by small thorns, are lined with little scarlet berries of great attractiveness from early Autumn well into the Winter.

	Each	10	100	1000
1 to 1½ ft	$0 20	$1 50	$12 00	$100 00
1½ to 2 ft	25	2 00	15 00	125 00

B. vulgaris. Common Barberry. (S) May. An erect, sturdy grower, with light green, prickly leaves. Clusters of golden yellow flowers, later dark red berries that last throughout the Winter.

	Each	10	100
1 to 1½ ft	$0 20	$1 50	$12 00
1½ to 2 ft	25	2 00	15 00

Berberis vulgaris, var. purpurea. Purple Barberry. (S) May. Habit similar to the above. The foliage is dark purple throughout the season, and on this account is one of the very best shrubs for foliage contrast.

	Each	10	100
1 to 1½ ft	$0 20	$1 50	$12 00
2 to 2½ ft., heavy	35	2 50	18 00

Callicarpa

Callicarpa Japonica. (D) August. Similar to the familiar C. purpurea; not dependable as far north, but a better grower. Equally ornamental.

	Each	10	100
2 to 3 ft	$0 20	$1 50	$12 00
3 to 4 ft., clumps	50	3 50	30 00

C. purpurea. (D) August. Slender branches, gracefully laden with tiny pink flowers, and later with a multitude of violet-colored berries. Valuable for late season effects and mass plantings.

	Each	10	100
2 to 3 ft	$0 20	$1 50	$12 00
3 to 3½ ft., clumps	50	3 50	30 00

Calycanthus

Calycanthus floridus. Allspice, or Sweet Shrub. (M) June. An old-fashioned shrub of strong, upright habit. Chocolate-colored flowers of delightful fragrance hide themselves among the broad, lustrous foliage. Thrives in open or shaded places.

	Each	10	100
2 to 3 ft	$0 25	$2 00	$15 00
3 to 4 ft	35	2 50	18 00

Caragana

Caragana arborescens. SIBERIAN PEA TREE. (L) May. Bright yellow, pea-shaped flowers and graceful pinnate leaves.

	Each	10
2 to 3 ft.	$0 50	$3 50

Caryopteris

Caryopteris Mastacanthus. BLUE SPIREA OR VERBENA SHRUB. (D) September. Valued most for the lateness of its blue flowers, which harmonize well in shrub or perennial plantings.

	Each	10	100
1 to 1½ ft.	$0 15	$1 25	$10 00

Cephalanthus

Cephalanthus occidentalis. BUTTON BUSH. (S) July to September. Ball-like clusters of white flowers. Bright, glossy foliage. Hardy, strong grower. Splendid for groups and masses in moist soils and at water-edges.

	Each	10	100
2½ to 3 ft., heavy	$0 40	$3 00	$25 00

Cercidiphyllum

Cercidiphyllum Japonica. (L) A shrub or small tree, with handsome leathery foliage, that is especially ornamental. Turns bright yellow and scarlet in Fall.

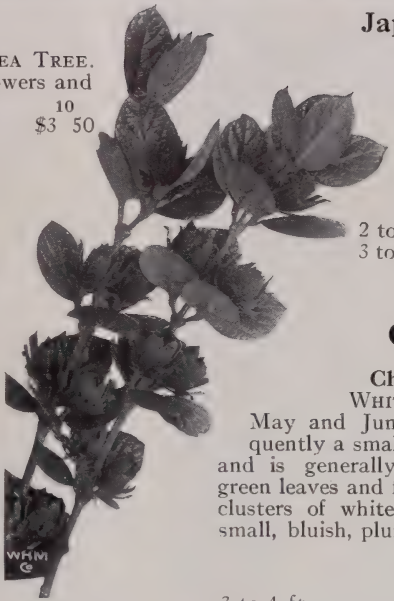
	Each	10	100
5 to 6 ft., splendid stock	$0 75	$6 00	$50 00

Cercis. Judas, or Red Bud

Very early in Spring the leafless branches and twigs of these small trees or shrubs are clothed in a thick mist of delicate deep pink flowers. Planted among other early-blooming trees, they produce fine effects, or as single specimens are beautifully attractive. Their radiant flower masses are followed by glossy foliage.

Cercis Canadensis. AMERICAN RED BUD. (L) Small, rapid-growing, round-headed tree or bush.

	Each	10	100
5 to 6 ft.	$0 50	$3 50	$30 00
8 to 10 ft.	1 00	7 50	60 00



Calycanthus or Sweet Shrub, a favorite in many old-time gardens.

Japan Judas

Cercis Japonica. JAPAN JUDAS. (S) More dwarf; larger and more brilliant flowers.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	30 00

Chionanthus

Chionanthus Virginica. WHITE FRINGE TREE. (L) May and June. A large shrub, frequently a small tree, that grows easily, and is generally desirable. Has dark green leaves and fragrant, drooping, open, clusters of white flowers, succeeded by small, bluish, plum-like fruits.

	Each	10
3 to 4 ft.	$0 75	$6 00

Clethra

Clethra alnifolia. PEPPER BUSH. (S) July and September. A native woods plant, with fragrant white flowers. Well suited for moist places and water-edges.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00

Colutea

Colutea arborescens. BLADDER SENNA. (L) June to September. A strong grower, with small foliage and yellow, pea-shaped flowers. The curious bronze-colored seed pods are inflated with air. The Colutea is not very particular about the soil it has to live in, but prefers a sunny location.

	Each	10	100
4 to 5 ft.	$0 50	$3 50	$25 00

CORNUS. THE DOGWOOD

DOGWOODS are strong growers in almost any soil, and are hardy from the warmer parts of Canada southward. They thrive nearly as well in shaded places as in the open ground. While the bush forms are not remarkable for their flowers, they are especially valued for the brilliant coloring of the bark, which is very attractive in the leafless months of Winter. Particularly suited for mass planting.

Cornus alba, var. Siberica. RED SIBERIAN DOGWOOD. (L) Umbels of white flowers in May. In Winter the naked, bright red branches are conspicuous even at long distances.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft., heavy	50	3 50	30 00

C. alternifolia. (L) The branches are oddly arranged in tiers or layers. The white flowers at the close of May and the bright blue berries which follow are both showy.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$18 00
3 to 4 ft., heavy	50	3 50	

Cornus Florida. For description and prices, look among trees, page 27.

C. glabra. (M) White fruits; dark red bark.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
4 to 5 ft., clumps	50	4 00	35 00

C. mas; syn. mascula. CORNELIAN CHERRY. (L) April. Yellow flowers that are very ornamental and bright scarlet fruits in Autumn.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

C. paniculata; syn. candidissima. PANICLED DOGWOOD. (L) Erect grower. White flowers and white Autumn fruits.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00

C. sanguinea. (M) May or June. Greenish-white flowers, followed in the Fall by small black berries. The purple or dark blood-red branches are beautiful in Winter.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

C. sericea; syn. amomum. SILKY CORNEL. (M) June and July. Dull red branches; leaves covered with silky down; fruit clusters light blue in late Fall. A native sort that frequents moist places.

		Each	10	100
2 to 3 ft.		$0 25	$2 00	$15 00
3 to 4 ft.		35	2 50	18 00
4 to 5 ft.	Extra fine stock.	50	3 50	30 00
5 to 6 ft.		60	4 50	35 00

C. stolonifera; syn. alba. RED OSIER DOGWOOD. (M) May. Spreading habit; dark red bark and white berries.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

var. aurea. GOLDEN-TWIGGED DOGWOOD. (M) Conspicuous with bright yellow bark in Winter. Splendid for contrast effects.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$22 50

Corylus

Corylus Americana. AMERICAN FILBERT OR HAZELNUT. (M) Useful in wild or natural plantings.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

C. Avellana. EUROPEAN HAZELNUT OR FILBERT. (L) Strong, growing habit, with dark, rough leaves and edible nuts.

	Each	10
3 to 4 ft.	$0 50	$3 50

Varieties of Corylus Avellana. (L) These are just as ornamental as the parent form; the nuts larger and of better quality.

	Each	10	100
3 to 4 ft., heavy	$0 75	$5 00	$40 00
4 to 5 ft., heavy	1 00	7 50	60 00

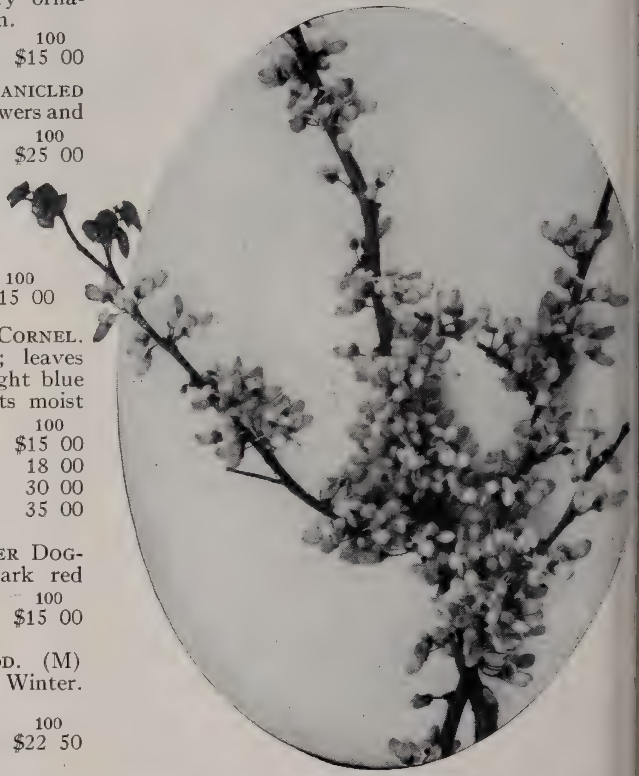
C. maxima, var. purpurea. PURPLE HAZELNUT. (L) We have no hesitancy in recommending this grand shrub as the best purple-leaved one in cultivation. It is comparatively immune from the attacks of insects, and throughout most of the season its rich purple foliage retains the color.

	Each	10	100
3 to 4 ft.	$0 75	$6 00	$50 00

Cotoneaster

Cotoneaster Simonsii. (D) June. Desirable for its small, handsome, half evergreen foliage. Grows into an erect, attractive bush; bears a wealth of small red berries that last most all Winter.

	Each	10	100
4 to 5 ft., bushy	$0 50	$4 00	$35 00



Cercis Japonica or Japan Judas. Deep pink flowers clothe this bushy shrub in April. See further description on page 41.

Cratægus. Hawthorn

The thorns are strong, hardy growers in almost any soil or climate. They are particularly bright and attractive when the Autumn foliage changes to brilliant colors. They flower abundantly in May and June, and are fragrant and showy. Some varieties have very ornamental fruits, which make pleasing Fall and Winter decorations. Most kinds are capable of being sheared, and may be trained into thick, dense hedges, which their thorns make almost impenetrable.

Cratægus coccinea. SCARLET THORN. (L) A useful, hardy native, with white flowers in April or May, succeeded later by scarlet fruits.

	Each	10	100
4 to 5 ft.	$0 50	$4 00	$35 00
8 to 10 ft., very heavy	1 00	7 50	70 00

C. Crus-Galli. COCKSPUR THORN. (M) Neat in appearance; strong growth; very hardy, and used for hedging and grouping. The thorny branches grow out horizontally. The leaves color brilliantly in Autumn. Bright scarlet or orange-colored fruits.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00

Cratægus oxycantha. ENGLISH HAWTHORN. (M) Well known in all English gardens and popular here. Bears clusters of single white, fragrant flowers in May, and later scarlet fruit.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00

var. alba flore pleno. DOUBLE WHITE HAWTHORN. (L).

	Each	10
4 to 5 ft.	$0 60	$5 00

var. coccinea flore pleno. PAUL'S DOUBLE SCARLET THORN. (L) Covered in May with beautiful fragrant crimson flowers. Good foliage and generally desirable.

	Each	10
4 to 5 ft.	$0 60	$5 00

var. rosea flore pleno. DOUBLE PINK HAWTHORN. (L) Fragrant, double, rose-colored flowers.

	Each	10
4 to 5 ft.	$0 60	$5 00

Cydonia

Cydonia Japonica; syn. Pyrus Japonica. JAPAN QUINCE. (M) March and April.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00

Cytisus

Cytisus Laburnum. GOLDEN CHAIN. (L) Bright in early Summer, with graceful racemes of golden wistaria-like flowers. Forms a neat, attractive tree or shrub. See illustration.

	Each	10	100
5 to 6 ft.	$0 75	$6 00	$50 00
6 to 8 ft.	1 00	7 50	60 00

Daphne

Daphne Mezereum; syn. rubra. (D) March. Fragrant red flowers.

	Each	10	100
¾ to 1 ft.	$0 75	$6 00	$50 00
1½ to 2 ft.	1 00	7 50	70 00

var. alba. (D) March. Fragrant white flowers.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50 00

The graceful golden racemes of Cytisus or Golden Chain. A large, attractive Shrub for individual or collective planting.

DEUTZIAS

A FAMILY of profuse-flowering shrubs; generally hardy and well adapted to most soils. Useful for shrubberies, groups or specimens, and the smaller kinds are also desirable for forcing.

Deutzia crenata, var. candidissima. DOUBLE WHITE DEUTZIA. (M) June. A vigorous grower, with double white flowers, borne in panicles.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., clumps	35	3 00	25 00
4 to 5 ft., clumps	50	3 50	30 00
5 to 6 ft., clumps	60	5 00	35 00
6 to 7 ft., clumps	75	6 00	40 00

var. fortunei. (M) Individual flowers. Larger than some other kinds. White.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., clumps	50	3 50	30 00

var. Pride of Rochester. (M) Last of May. Equally as robust as the above, with larger panicles of bloom. Double white flowers, with under side of petals rose

	Each	10	100
2½ to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., clumps	50	3 50	30 00
5 to 6 ft., clumps	60	5 00	35 00

var. rosea plena. DOUBLE PINK DEUTZIA. (M) June. The flowers are tinged with soft pink. Exceedingly dainty and beautiful.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., clumps	35	3 00	25 00

var. Watereri. (M) Single, pink, bell-shaped flowers.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$18 00
4 to 5 ft., clumps	50	3 50	30 00
5 to 6 ft., clumps	60	5 00	35 00

Deutzia crenata, var. Wellsi. (M) June. Double white flowers tinged with pink.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., clumps	50	3 50	30 00
5 to 6 ft., clumps	60	5 00	35 00

D. gracilis. DWARF DEUTZIA. (D) May. An old-fashioned dense shrub; blooms in shaded as well as sunny places. Single, pure white flowers.

	Each	10	100
1 ft.	$0 20	$1 50	$12 00

var. rosea. (D) May. Single, pink flowers.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00

var. venusta. (D) May. Long spikes of single, pure white flowers, that closely resemble those of an azalea.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00

D. Lemoinei. LEMOINE'S DEUTZIA. (D) May. A popular bush, with snow-white flowers borne abundantly along the slender branches.

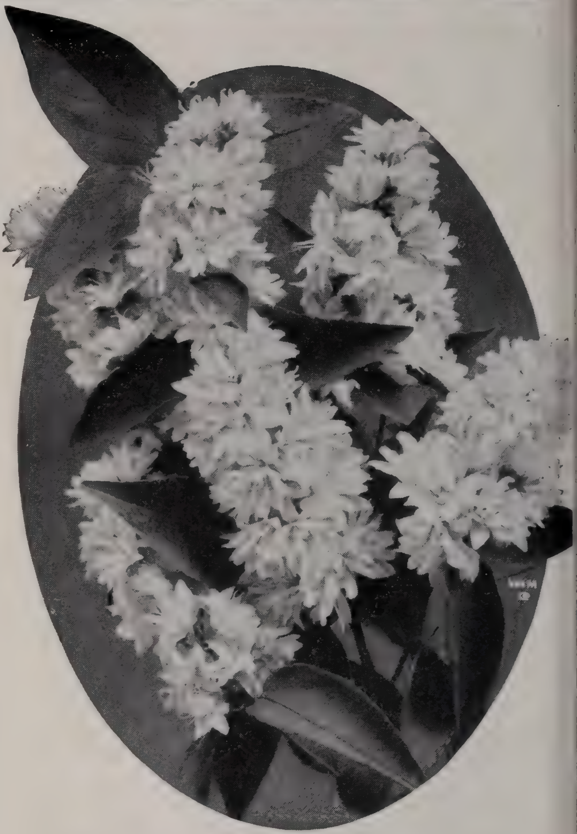
	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
1½ to 2 ft., heavy	25	2 00	18 00
2 to 2½ ft., clumps	50	3 50	

var. compacta. (D) Similar to the above, but of a more compact habit.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
1½ to 2 ft., clumps	35	2 50	20 00

D. scabra. ROUGH-LEAVED DEUTZIA. (M) June. Clusters of single, white, bell-shaped flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., clumps	35	3 00	
4 to 5 ft., clumps	50	3 50	30 00



The flowers of all of the varieties of Deutzia crenata are similar to these, the principal difference being in the color of them. Deutzias are one of the best flowering shrubs.

DIERVILLA. The Weigelias

AN important group, indispensable for ornamental planting. They thrive in any soil, are strong growers and generally hardy. When young, of upright habit, growing with age into more graceful shrubs. Useful as specimens, and desirable for groups or masses. In May or June the Weigelias are aglow with a wealth of flowers, borne all along their branches, and some varieties flower sparingly even through the Summer.

Diervilla floribunda, var. Lavellei. (M) June. Deep crimson flowers, that last a long while.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., heavy	50	3 50	25 00

D. florida; syn. rosea. (S) May or June. A strong, symmetrical grower, with good foliage. Blooms profusely; some flowers are delicate pink, others rose, and some few almost white.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

var. amabilis. (S) May or June. Flowers similar to the above, habit more open and graceful. It is not so well known, but more desirable than its parent, D. Florida.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., clumps	50	3 50	25 00

Diervilla florida, var. candida. (M) June. Erect grower. The only kind we have with pure white flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
7 to 8 ft., heavy	75	5 00	40 00

var. nana variegata. (M) June. The silvery, variegated leaves hold their color well. An excellent shrub for color contrast. Bears innumerable pale pink flowers, and is highly desirable. It will grow almost anywhere.

	Each	10	100
1½ to 2 ft.	$0 20	$1 50	$12 00
2 to 3 ft.	35	2 50	18 00
3 to 4 ft.	50	4 00	30 00

var. versicolor. (M) June. The leaves are attractively margined with silvery markings. One of the best variegated shrubs. Flowers greenish white, changing later to crimson.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00

Diervilla Japonica, var. rubra; syn. Hortensis rubra. (M) June. Light crimson flowers. A robust, rapid grower.

	Each	10	100
5 to 6 ft.	$0 50	$4 00	$30 00
6 to 7 ft., heavy	75	5 00	40 00

D. sessifolia; syn. lutea. (S) A distinct and desirable variety that has different yellow flowers, which come at the close of June, after other kinds have quit blooming.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$22 50

Diervilla Hybrids

These flower at the close of May, and occasionally through the Summer. They bloom as lavishly and grow as vigorously as the parent forms, attaining a height of from 5 to 8 feet.

Abel Carriere. Rose carmine; yellow spot on throat.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

Desboisi. Deep rose-colored flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
5 to 6 ft., clumps	75	5 00	35 00

Eva Rathke. The best red-flowered kind; almost a continual bloomer.

	Each	10	100
2½ to 3 ft.	$0 35	$3 00	$22 50
3 to 3½ ft.	50	3 50	25 00
3½ to 4 ft., heavy	75	5 00	40 00

Gustave Mallet. Light pink, bordered with white.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., clumps	50	3 50	25 00

Hendersoni. Compact habit; pink flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

Stelzneri. Rosy pink flowers, that are very similar to the well-known variety D. Florida.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., clumps,	50	3 50	25 00
5 to 6 ft., clumps,	60	4 50	35 00
6 to 7 ft., heavy,	75	5 00	40 00

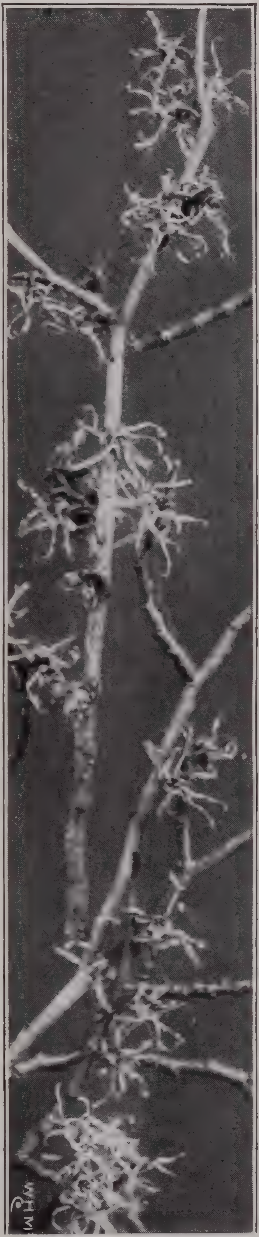
Van Houttei. Pink and white flowers; profuse bloomer.

	Each	10	100
2 to 3 ft	$0 25	$2 00	$15 00
3 to 4 ft	50	3 50	25 00

Dirca

Dirca palustris. LEATHERWOOD. (L) March. Yellow flowers. Good for moist places.

	Each	10
6 to 7 ft.	$1 25	$10 00



Sprays of Witch Hazel (Hamamelis Virginica), the last of the Shrubs to bloom in Autumn, just before the leaves go. See further description on page 46.

Eleagnus

Eleagnus augustifolia. OLEASTER. (L) June. An open bush, with silvery leaves and fragrant yellow flowers, followed by yellow fruits.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$18 00

E. longipes; syn. edulis. JAPANESE OLEASTER, SILVER THORN. (D) May. Silver leaves. Profusion of scarlet berries in July.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00

E. umbellata. (M) The flowers are yellowish-white and fragrant; the fruit scarlet and showy.

	Each	10	100
2 to 3 ft.	$0 20	$1 50	$12 00
3 to 4 ft.	35	2 50	18 00

Euonymus

A large group of evergreen and deciduous shrubs, that show a wide diversity of character. For the evergreen species, see chapter on Evergreen Shrubs, page 18; also under Vines, page 65.

Euonymus Bungeanus. (M) Rapid grower, with yellow fruits. Bright Autumn foliage; splendid for mass effects.

	Each	10	100
3 to 4 ft.	$0 20	$1 50	$12 00
4 to 5 ft.	35	3 00	25 00

E. elatus. CORK-BARKED EUONYMUS. (M) Scarlet foliage in Autumn and bright red berries in the Fall. Curious, corky bark.

	Each	10	100
3 to 4 ft.	$1 50	$12 50	$100 00

E. Europæus. EUROPEAN BURNING BUSH. (L) May. Most attractive in Autumn, when covered with orange-scarlet seed vessels.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

Exochorda

Exochorda grandiflora. PEARL BUSH. May. Beautiful when covered with fragrant clusters of pure white, starry flowers, that are sometimes an inch in diameter. Admired in all collections, and especially adapted for individual planting.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
5 to 7 ft., heavy,	1 00	7 50	60 00

Forsythia. Golden Bell

Familiar hardy shrubs, that burst into bloom as Winter is leaving. The bright golden yellow, star-like flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season. The "Golden Bell" grows easily, and is ornamental in leaf as well as flower. They are useful for almost any purpose, but indispensable in groups and masses.

Forsythia fortunei. FORTUNE'S FORSYTHIA. (M) Erect branches and handsome, broad, dark green leaves.

	Each	10	100
2 to 3 ft.	$0 20	$1 50	$12 00
3 to 4 ft., heavy	35	2 50	20 00
4 to 5 ft., heavy	50	4 00	30 00

The back yard of a suburban home that has been ornamented with Moon's Shrubs and Vines.

var. aurea variegata. (M) Golden variegated leaves, otherwise like the above.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., clumps	50	4 00	30 00

F. Intermedia. (L) April. Slender, erect or arching branches; narrow leaves and vigorous grower.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00

Forsythia suspensa. (M) Characterized by the graceful drooping habit. Frequently planted by itself, and for covering arches and trellises.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft.	35	2 50	

F. Viridissima. (M) April. Erect shoots, spreading branches and bright, glossy green, narrow leaves.

	Each	10	100
2 to 3 ft.	$0 20	$1 50	$12 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft., clumps	50	4 00	30 00

var. variegata. (M) Similar to the above, with variegated leaves.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., clumps	50	3 50	

Halesia

Halesia diptera. (L) June. A Southern variety; not reliably hardy north of New York City; beautiful with its fragrant white flowers.

	Each	10	100
2½ to 3 ft.	$0 35	$2 50	$20 00

H. Tetraptera. (L) Drooping branches, laden in early Spring with fragrant white flowers, resembling Snowdrops. Grows in most any good soil and in shaded places. Is useful, though not reliably hardy north of New York.

	Each	10	100
4 to 5 ft.	$0 35	$3 00	$25 00

Hamamelis

Hamamelis Virginica. WITCH-HAZEL. (L) October. A strong grower in any soil, but succeeds best in moist places. Remarkable for small, odd, yellow flowers, that open just as its leaves are brightening with Autumn tints. Hardy in Canada. Valuable for massing and wild effects.

	Each	10	100
2 to 3 ft.	$0 20	$1 50	$12 00
5 to 6 ft., heavy	50	4 00	30 00

Hibiscus Syriacus. Althea, or Rose of Sharon

FAMILIAR shrubs, deserving of more popularity than they receive. Altheas will grow almost anywhere, from Ontario southward, and their abundance of bloom comes at an almost flowerless time—from July to September. There is a wide diversity of color in the flowers of different varieties, though all of the plants are of the same upright character, and usually grow from 8 to 12 feet in height. They should be used in every shrubbery border, are valuable as specimens, and make beautiful screens and hedges. Altheas are really one of the best deciduous flowering hedge plants, forming a thick, stout bush, when properly sheared and trained; such a hedge may be kept at any desired height.

See, below, names and descriptions of some of the best varieties, with sizes that we can supply.

PRICES OF HIBISCUS, EXCEPT WHERE OTHERWISE NOTED

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	18 00
4 to 5 ft.	50	3 50	25 00
5 to 6 ft.	75	5 00	35 00
6 to 7 ft.	1 00	7 50	40 00

Varieties of Hibiscus or Altheas

Alba plena. White, with cherry-red center. 2 to 3 ft.; 6 to 7 ft.

Alba simplex. Single white, with cherry-red center. 4 to 5 ft.

Amaranthus. Reddish purple. 4 to 5 ft.

Hibiscus or Althea. In July and August, when little else is in flower, these bloom abundantly. There are many colors in our large assortment of varieties For description and prices see page 46 and this page.

VARIETIES OF HIBISCUS OR ALTHEAS —Continued

Amplissima. Rosy red; early bloomer. 3 to 4 ft.; 4 to 5 ft.

Ardens. Purplish blue. 1½ to 2 ft.; 5 to 6 ft.

Boule de Feu. Double red. 2 to 3 ft.; 4 to 5 ft.

Carnea plena. Flesh color. 2 to 2½ ft.

Comte de Haimont. 4 to 5 ft.; 5 to 6 ft.

Double Rouge. Very double; dark red. 4 to 5 ft.

Duc de Brabant. Large, dark rose; free bloomer. 4 to 5 ft.

Duc de Bretegne. Shaded rose; nearly pink, 4 to 5 ft.

Duchess de Brabant. Similar to Duc de Brabant; reddish lilac. 1½ to 2 ft.; 4 to 5 ft.

Elegantissima. White shaded with rose. 3½ to 4 ft.

Folia variegata. One of the best variegated-leaved shrubs, but not conspicuous in flower.

	Each	10	100
1½ to 2 ft...	$0 25	$2 00	$15 00
2 to 3 ft.....	35	2 50	20 00
3 to 4 ft.....	50	3 50	25 00

Grandiflora superba. White, shaded to pink and carmine. 4 to 5 ft.

Joan of Arc. Pure white; very double. 2 to 3 ft.; 4 to 5 ft.; 5 to 6 ft.

Lady Stanley. White, shaded rose. 4 to 5 ft.; 5 to 6 ft.

Leopoldi plena. Dwarf; early bloomer; white flowers. 5 to 6 ft.

Monstrosa. Very large; white flowers. 2 to 3 ft.; 4 to 5 ft.; 5 to 6 ft.

Pæoniflora. White, with cherry-red center; very floriferous. 2 to 3 ft.; 4 to 5 ft.; 5 to 6 ft.

Purpurea simplex. Single purple. 4 to 5 ft.

Rubis. The darkest red of the single Altheas. 2 to 3 ft.

Totus albus simplex. Large, single, pure white. 1½ to 2 ft.; 3 to 4 ft.

Van Houttei. White, with red center. 4 to 5 ft.

Hippophæ

Hippophæ rhamnoides. Sea Buckthorn. (M) A hardy shrub that endures exposure and the unfertile soils of sandy and barren places.

	Each	10	100
2 to 2½ ft...............	$0 25	$2 00	$15 00

HYDRANGEA

NO class of shrubs is better known than the Hydrangeas, because they include some of the most showy flowering plants that are found in cultivation. They grow easily, have no insect enemies, and, with the exception of the Hortensis varieties, are reliably hardy. A crowning feature is that they bloom during the comparatively flowerless months of July and August.

Hydrangea arborescens. (S) June and July. A bushy plant from our native woods, with corymbs of white flowers in June and July. It is the most hardy of Hydrangeas, and particularly desirable for planting in shady places.

	Each	10	100
to 3 ft.................	$0 35	$2 50	$20 00
to 3½ ft., clumps.......	50	4 00	30 00
to 5 ft., heavy..........	60	5 00	35 00

Hydrangea hortensis, var. Mariesi. (D) Large, handsome foliage. Flat heads of violet-blue, sterile flowers.

	Each	10	100
1 to 1½ ft...............	$0 35	$2 50	$20 00

var. monstrosa. (D) Blue; larger flowers than the familiar H. Otaksa, mentioned below.

	Each	10	100
1 to 1½ ft...............	$0 35	$2 50	$20 00

HYDRANGEA—Continued

Hydrangea hortensis, var. Otaksa. (D) June to August. The pink or blue Hydrangea so frequently seen in tubs and vases; heavily laden with numerous large, round flower-heads.

	Each	10
1 to 1½ ft.	$0 50	$3 50

var. ramulis pictis. (D) Flowers pink or blue; branches purplish black.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$20 00

The familiar Great-Panicled Hydrangea (Hydrangea paniculata, var. grandiflora) described on this page.

var. Thomas Hogg. (D) June to August. Similar to Otaksa, with large white flowers.

	Each	10	100
1 to 1½ ft.	$0 40	$3 00	$25 00
1½ to 2 ft.	50	3 50	30 00

H. paniculata. (M) August to September. Foliage and habit similar to the better-known great-panicled Hydrangea. Flowers in loose, open clusters. Splendid for shrubberies.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	3 00	25 00
4 to 5 ft., clumps	50	4 00	30 00

Great-Panicled Hydrangea

var. grandiflora. GREAT-PANICLED HYDRANGEA. (M) From July to September there is no shrub more showy than this favorite Hydrangea, whose branches are bent beneath the weight of the huge white flower clusters. As the season advances, the flower panicles change to tints of pink and red. Always dependable.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$15 00
3 to 4 ft., heavy	50	3 50	25 00
4 to 4½ ft.	60	5 00	30 00

var. grandiflora. TREE OR STANDARD FORM. (M).

	Each	10
3 to 4 ft.	$0 60	$5 00

H. quercifolia. OAK-LEAVED HYDRANGEA. (S) August. Flat flower clusters in August, and gorgeous foliage in Autumn. These features, together with the interesting shape of leaf and attractive habit, make this Hydrangea one of the best decorative shrubs.

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$30 00
3 to 4 ft.	60	5 00	40 00

Hypericum. St. John's Wort

Hypericum aureum. (D) July to September. A stiff, dense shrub that bears abundant yellow flowers at a time when little else is blooming. Hardy as far north as Massachusetts; grows well in moist, stony ground and shaded places. A small plant, useful at the front of shrubbery borders.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
1½ to 2 ft.	35	2 50	

H. Kalmainum. (D) Hardy and suited to dry or exposed positions. Bright, attractive foliage.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

H. Moserianum. GOLD FLOWER. (VD) June until frost. A low, creeping plant, with bright green leaves that make a pretty setting for the golden yellow flowers. Well suited for shrubbery and perennial beds.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00

Jasminum

Jasminum nudiflorum. YELLOW JASMINE. February or March. Hardy only in sheltered places north of Philadelphia; admired for its yellow flowers in the first warm days of Spring.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

J. officinale. JESSAMINE. Not quite so hardy as the former, but it is popular in the South, where its fragrant white flowers blossom in Summer.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft., potted	75	5 00	

Oak-leaved Hydrangea (Hydrangea quercifolia) at our Nurseries. A rare variety that, in addition to these attractive flowers, has deep crimson foliage in Autumn.

Kerria, or Corchorus

Shrubs with tender, bright green branches, that are ornamental even when divested of leaves. They grow in almost any soil, and do well in open or shaded places. All varieties have attractive foliage, and are invaluable at the front of shrubberies or in groups by themselves. Orange-yellow flowers are borne abundantly in May and sparingly through the Summer.

Kerria Japonica (simplex). (S) Single flowers. Very floriferous.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$18 00

var. argentea variegata. (S) A desirable silvery variegated form, useful for contrasts.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$18 00

var. flore pleno. GLOBE FLOWER. (S) Similar to K. Japonica in appearance, with double rosette-like flowers.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$18 00

Regel's Privet (Ligustrum Ibota, var. Regelianum). For description and prices see below.

LIGUSTRUM. PRIVET

A GROUP of ornamental shrubs, including, besides the California Privet, some most desirable plants. The Privets are not particular as to soil, and they grow rapidly in open places or beneath the shade of trees. In shrubbery borders and masses, their good qualities can be appreciated, as well as in the hedges by which they are best known. They are seldom attacked by insects; withstand shearing and can be kept at any height or clipped into artificial shapes.

Ligustrum Amurense. AMOOR PRIVET. (L) More hardy than the California Privet. Erect habit; small leaves, that are dark, lustrous green, and remain until long after snow comes. On this account, if for no other reason, they would be desirable. Fine for hedges, mass plantings and general use.

	Each	10	100	1000
1½ to 2 ft.	$0 15	$1 00	$7 00	$50 00
3 to 4 ft.	25	2 00	12 00	80 00

L. ciliatum; syn. medium. (M) Spreading habit. One of the hardiest kinds. Drops its leaves early, revealing an abundance of black berries. Good for shrubberies.

	Each	10	100
2 to 3 ft., heavy	$0 35	$2 50	$18 00

Ligustrum Ibota

L. Ibota. (M) June and July. Arching habit; narrow leaves and fragrant white flower clusters. Reputed as being the hardiest of all Privets. Also a good hedge plant and a splendid shrub for decorative purposes on any lawn. Foliage turns a dark red in the Autumn.

	Each	10	100	1000
2½ to 3 ft., heavy,	$0 35	$2 50	$15 00	$90 00
3 to 4 ft., heavy,	50	3 50	20 00	115 00

Ligustrum Regelianum

var. Regelianum. (S) Similar to the above; branches more dense and twiggy; they droop gracefully and give this variety a distinctly attractive appearance. In Autumn the foliage turns a bright red. This plant is unexcelled for shrubbery borders and masses, park plantings and hedges.

	Each	10	100	1000
1½ to 2 ft., heavy,	$0 25	$2 00	$15 00	$70 00
2 to 3 ft., heavy,	35	2 50	20 00	100 00
3 to 4 ft., heavy,	50	3 50	25 00	125 00

California Privet

California Privet (Ligustrum ovalifolium) (L). Widely known as a hedge plant; it is a vigorous grower anywhere, endures the unnatural conditions of cities, and is one of the best shrubs for seaside planting. The half-evergreen, glossy foliage and pure white flowers in July make it an ornamental shrub that is generally useful. Not reliably hardy north of Boston.

	Each	10	100	1000
1 to 1½ ft.	$0 15	$0 50	$3 00	$20 00
1½ to 2 ft.	20	75	4 50	25 00
3 to 4 ft., very heavy,	35	2 50	12 00	65 00
4 to 5 ft.	50	3 50	15 00	75 00

var. aurea variegata. (M) A form with golden variegated leaves.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft., heavy	50	4 00	30 00

L. Siberica. (M) A form of doubtful nomenclature, but one of the hardiest kinds. It is similar, in most respects, to the others, and useful in much the same ways. We urge its more general use in colder climates and places where an inexpensive shrub is wanted to endure hardships.

	Each	10	100	1000
2½ to 3 ft.	$0 20	$1 50	$10 00	$50 00
2½ to 3 ft., heavy,	35	2 50	15 00	75 00

Lonicera. Honeysuckle

A varied genus, that includes vines and shrubs. For the vines, see page 65. The bush varieties are in demand for shrubbery groups and borders. They are hardy and grow easily. Their fragrant flowers are admired in Spring, but another attraction is the brilliant fruit that follows in the Summer and Fall.

Lonicera bella albida. (M) Bears a profusion of white flowers, followed by scarlet fruits that hang on a long while and make a grand showing. Strong, rapid grower.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., clumps	50	4 00	30 00

L. Fragrantissima. (M) April. Small, creamy white flowers of a delightful fragrance, borne in profusion. The deep green foliage is retained until Winter. Makes a handsome specimen.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	4 00	30 00

Tartarian Honeysuckle (Lonicera Tartarica). The flowers of all its varieties are similar excepting in color.

L. Morrowi. JAPANESE HONEYSUCKLE. (M) May. An open bush, with crooked branches, dark green leaves and small, white flowers. The red fruit is especially ornamental and lasts a long while.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., heavy	50	3 50	25 00

L. Tartarica (rubra). TARTARIAN HONEYSUCKLE. (S) May. A useful old-fashioned shrub, with slender, upright branches. Small, fragrant, pink, crimson or blush flowers, followed by attractive red or orange-yellow berries.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., clumps	40	3 00	20 00
4 to 5 ft., clumps	50	4 00	30 00

var. alba. (S) White flowers alone distinguish it from the above.

	Each	10	100
3 to 4 ft., clumps	$0 40	$3 00	$20 00
4 to 5 ft., clumps	50	4 00	30 00

var. grandiflora. (S) Double pink flowers.

	Each	10	100
3 to 4 ft., heavy	$0 40	$3 00	$20 00

var. Virginica alba. (S) A form with white flowers. Similar in habit to the Tartarian varieties, just above.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

L. xylosteum. FLY HONEYSUCKLE. (M) May. A shapely, erect bush, with distinct, dull green leaves. Inconspicuous yellowish white, fragrant flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., heavy	40	3 00	20 00

Myrica

Myrica cerifera. WAX MYRTLE. (M) A seashore plant, with reddish flowers and heavy, fragrant foliage. Partially evergreen.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$20 00

M. gale. BAYBERRY OR SWEET GALE. (D).

	Each	10
1½ to 2 ft.	$0 40	$3 00

Philadelphus. Mock Orange, or Syringa

Well-known shrubs of strong, vigorous habit, that will grow almost anywhere. They are desired for individual planting and for all shrubbery effects. Almost immune from insect enemies and always dependable.

Philadelphus Billardii. (M) June. Blooms a week or two later than other kinds. Is desirable for extending the season.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00

P. cordifolius. (M) June. Adapted to drier soils; attractive, heart-shaped leaves. A handsome, strong-growing variety.

	Each	10	100
3 to 4 ft.	$0 35	$3 00	$25 00
5 to 6 ft.	50	4 00	30 00

P. Coronarius. GARLAND MOCK ORANGE. (S) May. A vigorous, hardy old favorite of erect, compact habit. Fragrant early white flowers.

	Each	10	100
2½ to 3 ft., bushy	$0 35	$2 50	$20 00

var. foliis aureis. GOLDEN MOCK ORANGE. (D) Flowers sparingly, but is admired for the golden foliage, which is bright throughout the Summer. A desirable edging to shrubberies.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$20 00

P. Deutzia flore pleno. (D) June. Double flowers.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

Philadelphus grandiflora. (M) May or June. Forms a large, spreading bush, with graceful, drooping branches; a strong grower; flowers slightly fragrant. A common and desirable shrub.

	Each	10	100
to 3 ft.	$0 25	$2 00	$15 00
to 4 ft., heavy	35	2 50	20 00
to 5 ft., heavy	50	4 00	30 00

P. inodorus. SCENTLESS MOCK ORANGE. (M) June. Almost identical with the above.

	Each	10	100
to 5 ft.	$0 50	$3 50	$25 00

P. Ketelerii. (M) May or June. Fragrant, double white flowers.

	Each	10	100
to 2½ ft., heavy	$0 35	$2 50	$20 00

P. laxus. (M) Strong grower; large, fragrant flowers; very desirable. A new variety of unusual promise. Sometimes the flowers are 1½ inches across.

	Each	10	100
to 5 ft., heavy	$0 50	$3 50	$25 00

P. Mont Blanc. (S) June. Upright growth; small leaves and fragrant flowers.

	Each	10	100
to 3 ft., clumps	$0 35	$2 50	$20 00
to 4 ft., clumps	50	3 50	25 00

P. Nepalensis. (M) June. Leaves slightly tinted with yellow.

	Each	10	100
to 4 ft., heavy	$0 50	$3 50	$25 00

P. nivalis. (S) June. Small white flowers of exceptional purity.

	Each	10	100
to 3 ft.	$0 25	$2 00	$15 00
to 4 ft.	35	2 50	20 00
to 5 ft., heavy	50	4 00	30 00

Philadelphus pubescens. (M) June. Large, handsome leaves and scentless flowers.

	Each	10	100
2 to 3 ft.	$0 20	$1 50	$12 00
3 to 4 ft.	25	2 00	15 00

Photinia

Photinia villosa. (L) June. White flowers in corymbs, succeeded by brilliant red fruits and bright Autumn foliage. Useful for natural and tall-growing mass plantings.

	Each	10	100
4 to 5 ft., heavy	$0 75	$5 00	$40 00

Prunus

Prunus besseyi. WESTERN SAND CHERRY, OR ROCKY MOUNTAIN DWARF CHERRY. (D).

	Each	10
3 to 4 ft., heavy	$0 75	$6 00

P. Pissardi. PURPLE-LEAVED PLUM. (L) A little tree, with dark purple leaves, that keep their lustrous coloring even through the Summer and Fall. Small, pinkish white flowers cover it.

	Each	10
3 to 4 ft.	$0 50	$4 00

P. triloba. DOUBLE-FLOWERING PLUM. (M) May. A strong-growing, hardy shrub, with delicate pink double flowers and slender branches. Very ornamental.

	Each	10
3 to 4 ft.	$0 50	$4 00

The flowers of the familiar Mock Orange, or Philadelphus, are similar in all varieties. There are botanical differences, and some are more fragrant than others. The variety grandiflora, pictured here, is one of the best.

Ptelea. Hop Tree

Ptelea trifoliata. (L) June. Bright, shining foliage; clusters of white flowers, succeeded by an abundance of ornamental seed-vessels that cling tenaciously for a long while. Suited for mass planting.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00

var. aurea. Golden Hop Tree. (L) Jnue.

	Each	10
4 to 5 ft.	$0 50	$3 50

Pyrus

See also **Trees,** page 32.

Pyrus arbutifolia. Chokeberry. (L) May. Clusters of small white flowers, succeeded in August by bright red berries, that remain until Winter. Bright crimson Autumn foliage.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 6 ft.	50	4 00	30 00

Rhamnus

A group of large-growing shrubs or trees that are well suited for mass and border plantings, especially in public grounds, where subjected to abuse. Grows in city atmosphere and in partial shade. Have ornamental berries in the Autumn.

Rhamnus Caroliana. Indian Cherry. (L) This variety sometimes attains a height of 30 feet, but its bushy, robust habit suits it well for screen and mass plantings of shrubbery.

	Each	10	100
6 to 8 ft.	$0 75	$6 00	$50 00

Berries and leaves of the White Kerria (Rhodotypus kerrioides).

Buckthorn

R. catharticus. Buckthorn. (L) June and July. A hardy shrub for poor soils, exposed and neglected places. Valued for hedges as well as shrubbery plantings.

	Each	10	100
2 to 3 ft.	$0 15	$1 00	$9 00
3 to 4 ft.	35	2 50	18 00
4 to 5 ft.	50	3 50	20 00
6 to 8 ft., very heavy	75	6 00	

Rhodora

Rhodora Canadensis. (D) April. Showy rose and purple-colored flowers. Valued for shady places and all naturalistic plantings.

	Each	10
1 to 1½ ft., clumps	$0 75	$6 00

Rhodotypus

Rhodotypus kerrioides. White Kerria. (S) A highly desirable shrub for almost any purpose, growing in all soils, and succeeding as far north a Massachusetts. Resembles the Kerria in leaf an appearance. The graceful branches bear singl white flowers in May, and sparingly through th Summer. Black berries follow in the Fall.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 0
3 to 4 ft.	50	3 50	25 0

Rhus. Sumac and Mist Tree

The old-fashioned Mist Tre or Smoke Bush (Rhus Cotinus is familiar on many old-tim lawns; but the sumacs, unti lately, have not been extensivel used. They are splendid subjects for mass plantings an natural effects, because they ar hardy, strong grower and possessed of beautiful foliage. The leave of the cut-leaved sort are as delicate as ferns. In Autumn, they all turn most gorgeous colors.

Rhus aromatica. Fragrant Sumac. (M) A spreading bush, with attractive foliage that in Autumn turns a gorgeous crimson.

	Each	10	100
2 to 2½ ft.	$0 50	$4 00	$35 00

R. cotinus. Mist or Smoke Tree. Purple Fringe. (L) July. A familiar shrub in many old farmyards, that is most attractive in Summer, because of the light, airy or mist-like covering that panicles of passing bloom present.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00
4 to 5 ft.	75	5 00	

var. atropurpurea. (L) Similar to the above, except the "mist" before alluded to is in this case a striking reddish brown color.

	Each	10
2 to 3 ft.	$0 50	$4 00

R. glabra, var. laciniata. Cut-Leaved Sumac. (M).

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$35 00

Ribes. Flowering Currants

Prized for their wealth of fragrant, small bright flowers in early Spring, and for their hardiness.

Ribes Alpinum. Mountain Currant. (S) Native of Europe and the Orient. Hardy. Flowers yellowish green.

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$30 00

The common Elder (Sambucus Canadensis) is one of the best flowering shrubs for any soil or planting. The golden-leaved variety, Nigra aurea, is bright all Summer with its yellow foliage.

Ribes aureum. MISSOURI GOLDEN OR BUFFALO CURRANT. (S) May. Golden yellow flower.

	Each
3 to 4 ft.	$0 50

R. floridum. WILD BLACK CURRANT. (S) Pendulous racemes of greenish white or yellow flowers.

	Each	10
2 to 3 ft.	$0 35	$2 50

R. sanguineum. RED-FLOWERED CURRANT. (S).

	Each	10
2 to 3 ft.	$0 50	$3 50

Roses

The bush roses described on page 62 are frequently used in shrubbery groups and borders, and always show to advantage in such collections, especially the beautiful Japanese Sweetbriar Rose (Rosa rugosa). Look for it on page 62.

Sambucus. Elder

Shrubs of strong growth and easy cultivation, that are ornamental in flower, fruit and foliage. Excellent for masses; desirable for wild effects, and valuable for shaded places.

Sambucus Canadensis. COMMON ELDER. (M) White flowers in June. Edible black berries in July and August.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00

Sambucus nigra, var. aurea. GOLDEN ELDER. (S) May. Attractive throughout the season, and gives a tone of contrast in all plantings. Probably the most showy golden-leaved shrub, retaining its color all Summer.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
4 to 5 ft., heavy clumps	50	4 00	30 00

var. laciniata. CUT-LEAVED ELDER. (M).

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00

var. variegata. VARIEGATED ELDER. (M) May. Silvery, variegated leaves.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
3 to 4 ft., clumps	50	4 00	

We furnish 5 or more plants at the price per 10; 25 or more at the price per 100; 250 or more at the price per 1000, where the 1000 prices are given.

Spirea Douglasi. The Spirea Billardi, salicifolia and Tomentosa have similar flowers. They are conspicuous as Summer-flowering shrubs, and are especially desirable in mass and natural planting.

Flowers of the Bridal Wreath Spirea (S. prunifolia flore pleno). See prices, page 55.

SPIREA

Indispensable shrubs of easy culture, that differ so in size, character and time of bloom, that there are varieties suited to almost every purpose.

Spirea argentea; syn. canescens. (M) June to August. Panicles of white bloom; useful in the lower and wilder portions of the lawn.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

S. arguta. (D) Early May. A graceful bush, with innumerable small, white flowers, that crowd along its slender branches and shine as snow through the light green feathery foliage. Leaves narrow, bright green, fading in Autumn, with brilliant tones of orange and scarlet.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
3 to 4 ft.	50	3 50	25 00

S. Billardii. (S) July to September. Sparsely twigged; erect branches, crowned with narrow, dense spikes of bright pink flowers. A strong grower; useful in shrubberies and for moist places and wild or natural plantings.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$18 00
4 to 5 ft., heavy	50	3 50	25 00

var. alba. (S) July to September. A white-flowering form of the preceding, that seems equally desirable.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	18 00
4 to 5 ft., heavy	50	3 50	25 00

S. Bumalda. (D) June until frost. A bushy plant, with good foliage, vigorous habit and abundant rosy pink, flat flower-heads. Desirable as an edging to shrubberies.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00

var. Anthony Waterer. (D) June until frost. One of the most popular shrubs, possessing the characteristics and robust habits of the parent form, but with crimson flower-heads of a richer, brighter hue. Good foliage, frequently splashed with odd, though pretty yellowish white markings. A beautiful edging and desirable plant at the front of shrubberies or wherever a low bush is required.

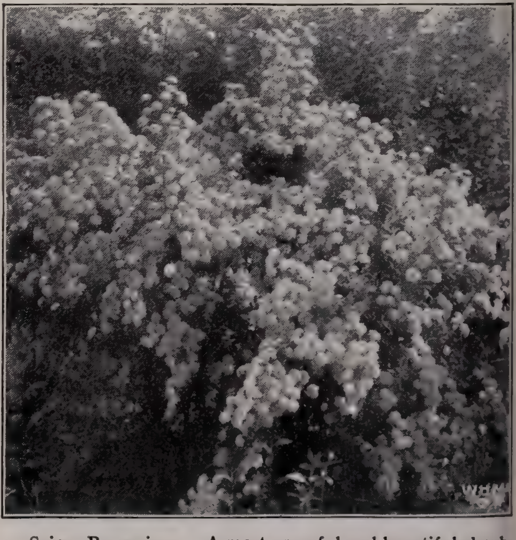
	Each	10	100
1 to 1½ ft., bushy	$0 20	$1 50	$12 00
1½ to 2 ft., bushy	35	2 50	18 00
2 to 2½ ft., bushy	50	3 50	25 00

S. Callosa, var. alba. FORTUNE'S WHITE SPIREA. (D) All Summer there are white flowers in flat clusters on this bushy shrub.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00
1½ to 2 ft., bushy	35	2 50	20 00

S. carpinifolia. (S) July. White spikes of bloom.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00



Spirea Reevesiana. A most graceful and beautiful shrub, with a wealth of lovely flowers in May. Spirea Van Houttei is very similar. See prices, page 55.

Spirea Douglasi. Douglas' Spirea. (D) Spikes of deep rose-colored flowers in July and August.

	Each	10	100
2 to 3 ft., heavy	$0 35	$2 50	$18 00

S. Japonica, var. Fortunei. (S) June to July. Corymbs of rosy pink flowers.

	Each	10	100
3 to 4 ft................	$0 25	$2 00	$18 00

S. opulifolia; syn. Physocarpus opulifolia. (M) June. It is familiarly known as Ninebark. A large, vigorous-growing shrub, that bears an abundance of fragrant, flat clusters of white flowers.

	Each	10	100
2 to 3 ft.,	$0 25	$2 00	$15 00
4 to 5 ft., clumps,	50	3 50	30 00
6 to 7 ft., heavy .	75	6 00	40 00

var. aurea. (M) June. Bright golden leaves in Spring, that darken as the season advances. Otherwise similar to the above.

	Each	10
2 to 3 ft.....	$0 25	$2 00

S. prunifolia flore pleno. Bridal Wreath. (S) Early May. A hardy, old-fashioned, erect shrub, that is still popular. As the leaves are opening, small, snow-white, double flowers wrap themselves along the branches in a lavish display of bloom. The little leaves color brilliantly in Autumn.

	Each	10	100
2 to 3 ft.,	$0 35	$2 50	$20 00
3 to 4 ft.,	50	3 50	

S. Reevesiana. (S) May. Among the very finest of flowering shrubs. A strong, hardy grower of graceful, drooping habit, with handsome foliage. The profusion of bloom weighs the slender branches and covers the bush with a beautiful canopy of white. Nothing is finer for individual or collective plantings. See illustration, page 54.

	Each	10	100
3 to 4 ft., heavy,	$0 50	$3 50	$25 00
4 to 5 ft., heavy,	75	5 00	35 00

var. flore pleno. (S) Double flowers alone distinguish it from the above.

	Each	10	100
3 to 4 ft................	$0 50	$3 50	$25 00

S. rotundifolia. (S) June. Distinct habit and hardy, with white flowers like those of S. Reevesiana, mentioned above. The round leaves remain fresh and green until late in the Fall.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00

Symphoricarpus vulgaris, var. rubra. Coralberry. One of the best shrubs for shady places. See page 56.

Spirea salicifolia, var. alba. Willow-Leaved Spirea. (S) June to September. Erect, strong habit; fond of wet ground, but succeeds almost anywhere. Useful for masses and wild effects. White flower panicles.

	Each	10	100
3 to 4 ft................	$0 25	$2 00	$18 00
4 to 5 ft., heavy.........	50	3 50	25 00
5 to 6 ft., heavy.........	60	4 00	30 00

S. sorbifolia. (S) Foliage resembles the Mountain Ash. Flowers are borne in long white spikes, and valued because they come in July, when few other shrubs are in bloom.

	Each	10	100
2 to 3 ft.,	$0 35	$2 50	$20 00

S. Thunbergii. Thunberg's Spirea. (D) April and May. A graceful bush, with innumerable small, white flowers and tiny leaves. It is almost identical with Spirea arguta.

	Each	10	100
3 to 4 ft.,	$0 50	$4 00	$30 00

S. Tomentosa. Hardhack. (S) July to September. Flowers in deep pink panicles. Valued for low places and wild effects.

	Each	10	100
1½ to 2 ft.,	$0 25	$2 00	$15 00
3 to 4 ft.,	35	2 50	20 00

S. Van Houttei. (S) A desirable and popular variety that is very similar to Spirea Reevesiana, illustrated on page 54.

	Each	10	100
1½ to 2 ft.,	$0 25	$2 00	$12 00
2 to 3 ft.,	35	2 50	
3 to 4 ft.,	40	3 00	

Stephanandra

Stephanandra flexuosa. (S) A thick shrub, with graceful branches, and small foliage that is almost as delicate as a fern, and turns bronze-red in late Summer and Autumn. In June, small, inconspicuous, fragrant flowers line the branches.

	Each	10	100
1½ to 2 ft.,	$0 25	$2 00	$15 00
3 to 4 ft., clumps,	50	4 00	30 00

Styrax

Styrax Japonica. (L) An exceedingly desirable small tree or shrub, that is filled in June with fragrant, drooping racemes of white flowers. A splendid plant for individual planting at conspicuous places or in connection with other trees and shrubs. Its many desirable features have not heretofore been fully appreciated.

	Each	10	100
3 to 4 ft................	$0 35	$2 50	$20 00
4 to 5 ft., very bushy.....	60	5 00	
5 to 7 ft., very bushy.....	75	6 00	50 00

Symphoricarpus

Small native shrubs that are much used in shaded places and in mass plantings. They grow well in almost any soil; are quite hardy and very ornamental, especially so when covered with berries in Fall and Winter. They grow 3 to 6 feet in height, have small leaves and slender branches.

Symphoricarpus racemosus. (D) SNOWBERRY. July and August. Small red flowers, succeeded by abundant white berries that last a long while.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	3 50	25 00

S. vulgaris; syn. rubra. CORALBERRY. (D) July. Similar in character to the above; useful in the same ways. Purplish red berries in Autumn. Perhaps better suited for shaded places.

	Each	10	100
1½ to 2 ft.	$0 20	$1 50	$12 00
3 to 4 ft., fine clumps	50	3 50	20 00

var. variegatus. (D) The leaves are variegated with golden yellow and green.

	Each	10	100
2 to 2½ ft.	$0 25	$2 00	$15 00

Styrax Japonica. See description, page 55.

SYRINGA. THE LILACS

THE Lilac among shrubs is like the Maple among trees, "the most common and most indispensable." In many dooryards the neglected Lilacs continue to bloom with a fragrance and beauty that is surpassed by no other shrub. With the revival of old-fashioned gardens, their popularity increases; no shrubbery mass is complete without them. They are hardy, robust plants that do well and flower abundantly with little care. The large collection we offer embraces tall and low-growing shrubs—kinds that will give a succession of bloom for several weeks.

Syringa Chinensis; syn. Rothomagensis. ROUEN LILAC. (M) May. Has arching branches, and large, loose, reddish purple flower-plumes, that are variable in color. The narrow leaves differ from any other Lilacs.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00
3 to 4 ft.	50	4 00	30 00

var. alba. (M) A white-flowering variety of the above, with the same general characteristics.

	Each	10
3 to 4 ft.	$0 50	$3 50

S. Japonica. (L) June. A tree form, with glossy, leathery leaves. It is quite hardy, and the yellowish-white flowers come after other Lilacs are through blooming.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$22 50
3 to 4 ft.	50	4 00	30 00

S. Josikæa. HUNGARIAN LILAC. (M) Late in May. A distinct type, with dark green leaves. The deep purple buds, arranged in loose panicles, open into light violet-colored flowers.

	Each	10
3 to 4 ft., heavy	$0 75	$5 00

Syringa Persica, var. alba. (S) WHITE PERSIAN LILAC. Has slender, arching branches and narrow leaves; a profuse bloomer.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00

S. Sougeana. (M) A new sort that we obtained from France. It has showy, dark red panicles of bloom.

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$30 00

S. villosa. (S) A distinct type, with late, rosy-pink flowers in large panicles. The foliage resembles that of the Chionanthus (White Fringe), and the plant is very bushy.

	Each	10
1½ to 2 ft.	$0 50	$3 50

S. vulgaris. COMMON LILAC. (M) May. The well-known, old-fashioned Lilac, so often seen in gardens. It is hardy and vigorous; endures neglect and blooms abundantly. The medium large panicles of bluish flowers are very attractive and useful for house decorations.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft.	50	3 50	25 00
3 to 4 ft., heavy clumps	75	6 00	
4 to 5 ft., heavy clumps	1 00	7 50	

Lilac (Syringa). The flowers of all varieties are similar, differing principally in size, color and form.

Syringa vulgaris, var. alba. COMMON WHITE LILAC. (M) May. Its general character is similar to the above. Flowers white.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft.	50	4 00	30 00

Varieties of Syringa Vulgaris (Lilacs)

These flower abundantly, and their sweet fragrance scents the air about the second week in May. They grow to be 6 to 8 feet in height. See below names and descriptions of some of the best varieties, with sizes that we can supply.

	Each	10	100
1 to 1½ ft.	$0 30	$2 50	$20 00
1½ to 2 ft.	35	3 00	25 00
2 to 3 ft.	50	4 00	
3 to 4 ft.	1 00	7 50	
4 to 5 ft.	1 25	10 00	
5 to 6 ft.	1 50	12 50	

Abel Carriere. Double, very large, pale blue flowers. 1½ to 2 ft.; 3 to 4 ft.

Alphonse Lavelle. Large panicles of double violet-blue flowers. 1½ to 2 ft.

Belle de Nancy. Double white flowers that are tinged with purple. 1½ to 2 ft.

Charles X. A strong grower, with loose trusses of reddish-purple flowers. 1½ to 2 ft.; 2 to 3 ft.

Frau Bertha Damman. Large panicles of single, pure white flowers. 1½ to 2 ft.

VARIETIES OF SYRINGA VULGARIS—Continued

Insignis rubra. Buds dark red, opening into rosy purple flowers. One of the best. 2 to 3 ft.; 4 to 5 ft.

Madame Abel Chatney. Pure white flowers in compact panicles. 1½ to 2 ft.

Mme. Casimer Perier. Semi-double, pure white flowers, in medium-sized clusters. 1 to 1½ ft.; 2 to 3 ft.

Madame Lemoine. Fine double, white variety. 2 to 3 ft.

Marie Legraye. Small grower; single white flowers, especially fine and fragrant. 1 to 1½ ft.; 2 to 3 ft.

Ranunculæflora flore pleno. An uncommon variety, with double, pale blue flowers. 1½ to 2 ft.; 2 to 3 ft.; 5 to 6 ft.

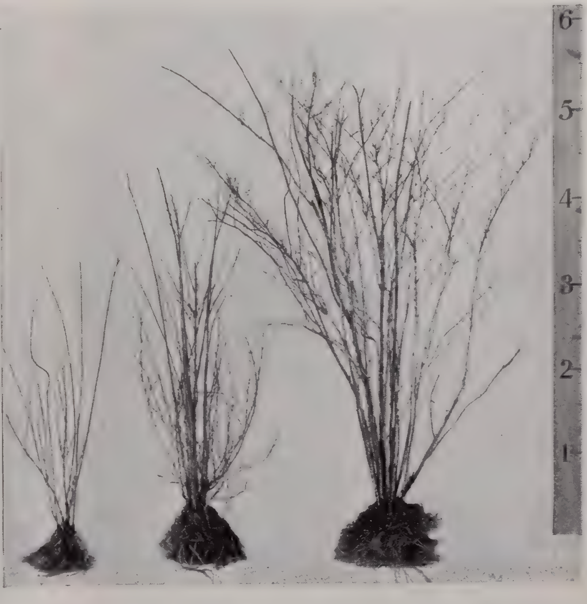
Rubra de Marley. Single, rich, rosy-purple flowers, that are borne abundantly. Resembles the common purple lilac, and is very desirable. 2 to 3 ft.; 3 to 4 ft., clumps; 4 to 5 ft., clumps; 5 to 6 ft., clumps.

Souvenir de Ludwig Spaeth. The single flowers are dark purple and distinct from other kinds. 1 to 1½ ft.; 1½ to 2 ft.; 3 to 4 ft.

Volcan. Large, single, ruby-red flowers. 1½ to 2 ft.

Tamarix. Tamarisk

Shrubs of strong but slender, upright growth, clothed with foliage as light and feathery as that of the asparagus. Their delicate fringed flowers are usually some warm shade of pink or red. They are hardy as far north as Massachusetts, and very ornamental at the back of shrubbery borders, and valuable for seaside planting.



Samples of our Shrubs. No. 1 shows the character and quality of plants that in most varieties sell for 20 or 25 cents each. No. 2 those that sell for 35 or 50 cents each, and No. 3 for 50 to 75 cents each.

TAMARISK—Continued

Tamarix Africana. (L) May. The first to flower. Sea-green foliage.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	35	2 50	20 00

T. Gallica. (L) May to July. Lighter green foliage and later in flower than Africana.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	35	2 50	20 00

Tamarix Gallica, var. indica. (L) July and August. The pink flower racemes are larger than those of other kinds. The foliage is dull green.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	35	2 50	20 00

T. Odessana. (S) July to September. Of lower growth. Pink flowers.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00

VIBURNUM, including the Snowballs

IN this group are included the Snowballs, which give in Spring the same showy effect produced by Hydrangeas in the Fall. Viburnums are hardy, grow quickly, and are free from the attacks of injurious insects. They are invaluable in shrubbery borders; desirable as specimens, and useful in all plantings.

Viburnum cassinoides. WITHE-ROD. (S) Very hardy. Flowers creamy white. Well suited for moist places and shrubbery borders.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00
2 to 3 ft.	50	3 50	

V. dentatum. ARROW-WOOD. (M) May. A handsome native shrub, with glossy green leaves and white flowers, that ripen into black berries.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2½ to 3 ft.	35	2 50	20 00
3 to 4 ft., heavy	50	4 00	30 00
4 to 5 ft., heavy	75	5 00	40 00

Viburnum Japonicum; syn. macrocephalum. (M) A desirable variety from the Orient, with large white flower heads that are almost as showy in May as the Hydrangeas are in August.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
3 to 4 ft., heavy	75	5 00	

V. lantana. WAYFARING TREE. (L) May and June. White flower clusters, succeeded by red fruits that later turn to black. Good foliage and desirable for dry places and limestone soils.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00
3 to 4 ft.	50	4 00	
5 to 6 ft., heavy	75	5 00	

V. molle. (S) A native shrub, with handsome, large, deep green leaves, similar to V. dentatum, but blooming a few weeks later.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2½ to 3 ft., heavy	50	3 50	25 00

One of our Japanese Snowballs (Viburnum plicatum) showing the size and quality of our 5- to 6-foot plants at $1 each.

The foliage and flower of the Single Japan Snowball (Viburnum Tomentosum).

Viburnum opulus; syn. Oxycoccus. High Bush Cranberry. (M) May. Spreading habit. Single white flowers, borne in flat, imperfect clusters. Valued for the brilliant red berries that cling to the leafless branches all Winter.

	Each	10	100
2 to 3 ft..................	$0 35	$2 50	$20 00
3 to 4 ft., heavy..........	50	4 00	30 00

var. nana. Dwarf Cranberry. (VD) Very low growing. Suitable for the fronts of shrubberies and as an edging.

	Each	10	100
8 to 10 in., bushy........	$0 35	$2 50	$20 00

var. sterile. Guelder Rose. (M) May. The old-fashioned Snowball that grows almost anywhere, and always flowers so abundantly. Its leaves and habit are identical with V. opulus, above, but it lacks the ornamental fruits.

	Each	10	100
3 to 4 ft., heavy..........	$0 50	$3 50	$25 00
4 to 5 ft., heavy..........	75	5 00	35 00

Single Japan Snowball

Viburnum tomentosum. Single Japan Snowball. (S) May. An elegant shrub, with beautiful dark green leaves. White flowers, borne in flat clusters, followed by decorative red berries, that later change to black.

	Each	10	100
1½ to 2 ft...............	$0 25	$2 00	$15 00
4 to 5 ft., bushy and fine,	50	4 00	30 00
5 to 6 ft., bushy and fine,	75	5 00	40 00

Japan Snowball

var. plicatum. Japan Snowball. (S) May. One of the best ornamental shrubs, similar in habit to the above. It bears abundant white balls of bloom, that have a beautiful setting in the deep green leaves. See illustration.

		Each	10	100
1½ to 2 ft.	Splendid stock.	$0 25	$2 00	$18 00
2 to 2½ ft.		35	2 50	20 00
2½ to 3 ft.		40	3 00	22 50
3 to 4 ft.		50	4 00	30 00
4 to 5 ft...		75	5 00	40 00
5 to 6 ft...		1 00	7 50	60 00

HARDY GARDEN ROSES

THE beauty of the Rose is so widely appreciated that the popularity it now enjoys, and the demand for Hardy Garden Roses, is annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight to all who grow them. We make a specialty of Roses for garden and home planting, and our assortment has been made up especially for that purpose, and includes only such varieties as will thrive under home conditions and have proved satisfactory in such places.

Prices of Roses

The prices of all Roses, except where otherwise noted, are 50 cents each, $4.50 per 10, $40.00 per 100, for strong, two-year plants, from 6-inch pots. All varieties marked thus (*) we can supply in unpotted stock that is just as good, but will take longer to get started, at 35 cents each, $3.00 per 10, $25.00 per 100.

Hybrid Perpetuals

The hardiest type and the most persistent in bloom. We recommend them especially for garden use.

***Alfred Colomb.** Brilliant carmine-crimson; large; globular.

***Anne de Diesbach.** Glory of France. Carmine; large, hardy and fragrant.

***Baron de Bonstetten.** Dark, velvety red; large, fragrant flowers.

Captain Hayward. Bright crimson-carmine; a distinct shade and very fragrant.

***Clio.** Flesh-color, with rosy pink center; fine form.

***Fisher Holmes.** Rich, velvety crimson.

Francois Michelon. Deep rose; reverse of petals silvery.

Frau Karl Druschki. Fine white; large, perfect and fragrant; strong grower.

***General Jacqueminot.** Brilliant scarlet-crimson; old-time favorite.

Gloire de Margottin. Dazzling scarlet.

Hugh Dickson. Brilliant crimson; highly perfumed.

John Hopper. Bright rose, carmine center; cupped and well formed.

Louis van Houtte. Red; one of the best.

Madam Gabriel Luizet. Fine, satiny rose.

***Magna Charta.** Bright pink, suffused carmine.

Marchioness of Lorne. Rich rose, shaded with carmine.

***Margaret Dickson.** One of the finest white hybrids.

Marie Bauman. Bright carmine; large; perfectly formed.

Madam Victor Verdier. Rich cherry-red.

Mrs. John Laing. Delicate pink; large; full.

***Mrs. R. G. Sherman-Crawford.** Deep rosy pink; outer petals shaded to pale flesh.

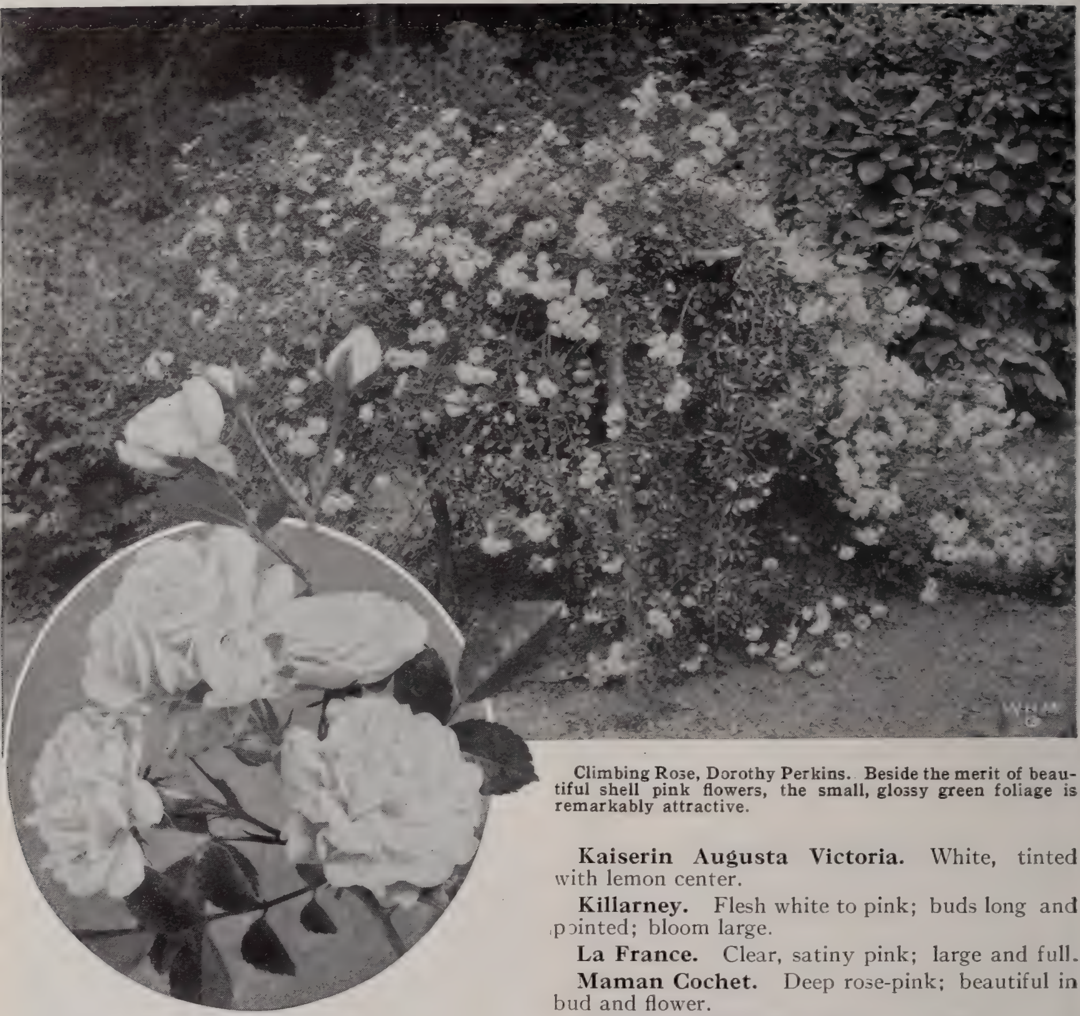
***Paul Neyron.** Very large; deep rose; full and double; a favorite.

Prince Camille de Rohan. Deep velvety crimson, with black shadings.

***Rhodocanachi.** Rose, shaded pink; full and very fragrant.

***Ulrich Brunner.** Bright cerise-red; large and full.

***Victor Verdier.** Rosy carmine; large, showy.



Climbing Rose, Dorothy Perkins. Beside the merit of beautiful shell pink flowers, the small, glossy green foliage is remarkably attractive.

Tea and Hybrid Tea Roses

Hardy with little or no protection; very productive, and, as a rule, with brilliant colors and delightful fragrance.

Our Tea and Hybrid Tea, also Moss and Miscellaneous Roses, are for the most part potted, and the price, therefore, is 50 cents each; $4.50 per 10; $40.00 per 100.

Captain Christy. Large, double buds, of deep flesh color; constant bloomer.

Caroline Testout. Bright, satiny rose; full and fragrant.

Etoil de France. Velvety crimson; center red; bloom large.

Etoil de Lyon. Bright sulphur-yellow; fine form.

Gloire Lyonnaise. White, tinted yellow.

Gruss an Teplitz. Bright rich scarlet; very showy; lavish bloomer.

Kaiserin Augusta Victoria. White, tinted with lemon center.

Killarney. Flesh white to pink; buds long and pointed; bloom large.

La France. Clear, satiny pink; large and full.

Maman Cochet. Deep rose-pink; beautiful in bud and flower.

Souvenir de President Carnot. Flesh shaded white; flowers large and full.

White Maman Cochet. White; fine in bud.

Moss Roses

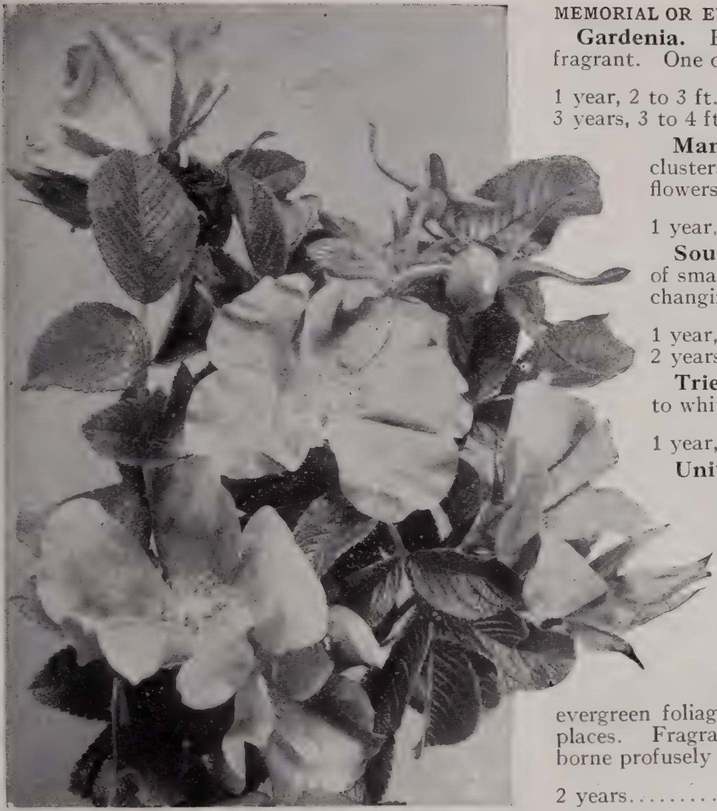
An odd, interesting, mossy covering surrounds the buds. Free and hardy bloomers.

Blanche Moreau. Pure white; large and full. Beautifully mossed and very fragrant.

Crested. Pink; finely crested; very distinct.

Prices of Roses

The prices of all Roses, except where otherwise noted, are 50 cents each; $4.50 per 10; $40.00 per 100, for strong, two-year plants, from six-inch pots. All varieties marked thus (*) we can also supply in unpotted stock that is just as good, but will take longer to get started, at 35 cents each; $3.00 per 10; $25.00 per 100.



Rosa rugosa, a splendid Bush Rose for colony or group planting. All Summer the single flowers shine from a setting of beautiful dark green leaves, and later give place to bright red seed-vessels that look like tiny tomatoes.

Miscellaneous Roses

Baby Rambler; syn. Norbert Levavasseur. DWARF CRIMSON RAMBLER. A compact, new dwarf variety, that does not exceed 18 inches in height; covered with a wealth of crimson flowers that last a long time.

Hermosa. An old-time favorite that bears bright pink flowers, and blooms persistently.

Lady Penzance. Fragrant foliage and flowers. Beautiful copperish-yellow.

Persian Yellow. Very showy, bright yellow flowers of medium size.

***Soleil d'Or.** GOLDEN SUN. The new, hardy, yellow Rose. Flowers full and globular; very fragrant.

Memorial or Evergreen Roses

Roses of this family are of a trailing habit; very hardy, and recommended for covering walls, rocks, rough ground or for any purpose for which a creeping Rose is desired. They are much used for mass plantings, to produce wild, natural effects.

Evergreen Gem. Very double, buff-yellow flowers. Foliage remains green a long while in the Fall.

	Each	10	100
1 year, 1 to 2 ft..........	$0 25	$2 00	$15 00

MEMORIAL OR EVERGREEN ROSES—Continued

Gardenia. Bright yellow flowers. Delightfully fragrant. One of the best.

	Each	10	100
1 year, 2 to 3 ft..........	$0 25	$2 00	$15 00
3 years, 3 to 4 ft..........	35	2 50	20 00

Manda's Triumph. Large, abundant clusters of medium double, pure white flowers.

	Each	10	100
1 year, 2 to 3 ft...	$0 25	$2 00	$15 00

South Orange Perfection. Clusters of small, double flowers; pink in the bud, changing to white as they open.

	Each	10	100
1 year, 2 to 3 ft....	$0 25	$2 00	$15 00
2 years, 3 to 4 ft...	35	2 50	

Trier. Pale rose trusses that change to white. A strong grower.

	Each	10	100
1 year, 1½ to 2 ft.,	$0 25	$2 00	$15 00

Universal Favorite. Vigorous variety, with a profusion of immense double flowers of beautiful rose-color.

	Each	10	100
1 year, 2 to 3 ft.....	$0 25	$2 00	$15 00
2 years, 3 to 4 ft...	35	2 50	

Wichuraiana. MEMORIAL ROSE. Beautiful, small, glossy evergreen foliage. A grand trailer over all sorts of places. Fragrant, single, waxy-white flowers are borne profusely in June.

	Each	10	100
2 years..................	$0 25	$2 00	$15 00

Hardy Climbing Roses

Climbing Clothilde Soupert. Rich, creamy white flowers, sometimes blush. A vigorous grower, blooming abundantly and persistently almost until frost.

	Each	10	100
1 year, 2 to 3 ft..........	$0 25	$2 00	$15 00
2 years, 3 to 4 ft..........	35	2 50	

Crimson Rambler. Well known and popular. A strong, rapid grower that produces exceedingly large and brilliant clusters of small, double crimson flowers in great profusion. There is nothing finer for trailing over verandas, walls, pillars, etc.

	Each	10	100
2 years, 3 to 4 ft..........	$0 35	$2 50	$18 00
Potted plants............	50	4 00	

Dawson. Considered by some to be as valuable as the Crimson Rambler. Large clusters of semi-double, bright pink flowers. Strong grower.

	Each	10	100
1 year, 2 to 3 ft..........	$0 25	$2 00	$15 00

Dorothy Perkins. A splendid sort, with beautiful shell-pink flowers; full, large and double. The trusses often contain 30 or 40 individual flowers. Bright foliage that keeps fresh better than most kinds do.

	Each	10	100
1 year, 1 to 2 ft..........	$0 25	$2 00	$15 00
2 years, 4 to 5 ft..........	35	2 50	20 00

Lady Gay. Similar in habit to Crimson Rambler; flowers rose-pink.

	Each	10	100
1 year, 2 to 3 ft..........	$0 25	$2 00	$15 00

HARDY CLIMBING ROSES—Continued

Multiflora Japonica. See Bush Roses.

Philadelphia Rambler. Similar to the Crimson Rambler; deeper and brighter in color.

	Each	10	100
1 year, 1½ to 2 feet	$0 25	$2 00	$15 00

Pink Rambler. Similar to the other Ramblers, but has pink flowers.

	Each	10	100
1 year, 2 to 3 ft.	$0 25	$2 00	$15 00

Pink Roamer. Trailing habit; pink flowers.

	Each	10	100
1 year, 2 to 3 ft.	$0 25	$2 00	$15 00

Royal Cluster. Double white, medium-size flowers; prolific bloomer.

	Each	10	100
1 year, 1½ to 2 ft.	$0 25	$2 00	$15 00
2 years, 2 to 3 ft.	35	2 50	

Ruby Queen. Deep ruby red.

	Each	10	100
1 year, 2 to 3 ft.	$0 25	$2 00	$15 00
2 years, 3 to 4 ft., heavy,	35	2 50	20 00

White Rambler. Perfectly hardy, strong, vigorous grower, with white flowers.

	Each	10	100
1 year, 2 to 3 ft.	$0 25	$2 00	$15 00

Bush Roses

These varieties are very desirable in connection with shrubbery plantings as well as in groups by themselves.

Carolina. Upright, spiny bush, suitable for mass and water-side planting. Pink flowers in flat-topped clusters during early Summer, followed by showy, red fruits.

	Each	10	100
1 to 2 ft.	$0 20	$1 50	$12 00

Lucida. Single, bright pink flowers in June. Attractive red branches and plump, red fruits in Winter. Splendid for natural landscapes.

	Eac'	10	100
1½ to 2 ft	$0 20	$1 50	$12 00

BUSH ROSES—Continued

Multiflora. Literally covered in J myriads of very fragrant clusters of small, double flowers. In Winter, the numerous red fruits are decorative. Valued in shrubbery plantings of all kinds.

	Each	10	100
2 to 3 ft.	$0 25	$1 50	$12 00
3 to 4 ft.	35	2 50	15 00

Rosa rugosa. JAPANESE ROSE. The beautiful, rich, green, wrinkled foliage alone would make this Rose popular for all ornamental plantings that require a shrub of about 5 feet in height; but, in addition, there are brilliant single pink or white flowers that come in May and continue intermittently all Summer. These ripen into tiny tomato-like seed-vessels of much ornamental value.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
1½ to 2 ft.	25	2 00	15 00

var. alba. WHITE JAPANESE ROSE. White flowers alone distinguish it from the foregoing.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

var. rubra. RED JAPANESE ROSE. In this case the flowers are all red, otherwise similar to the above.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

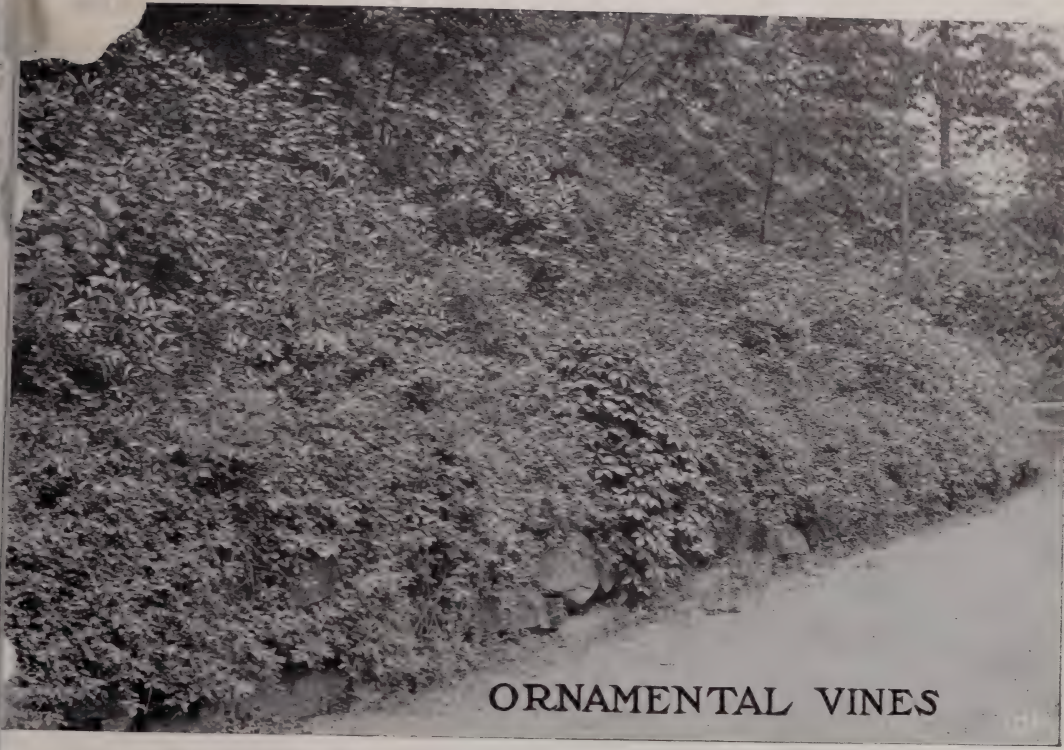
Rubiginosa. ENGLISH SWEET BRIAR ROSE. Aromatic fragrance to the branches, especially when bruised. Single, pink flowers and orange-red or scarlet fruits.

	Each	10
2 to 3 ft.	$0 35	$2 50
Potted plants	50	4 50

Setigera. PRAIRIE ROSE. Single, deep rose-colored flowers. A splendid sort for natural planting. It blooms lavishly in June.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00

Wistaria. There is not much difference in the varieties excepting the colors of their flowers.



Vines are much used, as they have been here, for producing wild and natural landscapes.

CLIMBING Vines are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. They mature quickly and tone down the stiff, bold angles of new buildings and give shade and flowers over verandas and trellises. They are cheerful and cooling in climbing over bowers and Summer-houses, and wild and natural in running over trees and stumps. In shaded places and beneath old trees, where grass will not grow, they are often used as a ground cover. On steep slopes and banks they prevent erosion. They ramble over unsightly, neglected places, and make them beautiful with fragrant and brilliant flowers. Vines are strong, robust growers, that require little attention other than to occasionally train them.

Actinidia

Actinidia arguta. A vigorous, rapid-growing Japanese vine, with glossy, leathery leaves and greenish-white flowers, succeeded by greenish-yellow fruits. Fine for covering arbors, trellises, walls, and to produce wild effects.

	Each	10	100
1 to 2 ft., 1 year.........	$0 25	$2 00	$15 00
2 to 3 ft., 3 and 4 years..	35	2 50	20 00

A. polygama. In most respects, it is similar to the above. It has very fragrant, creamy white lowers and handsome foliage. It is a strong, rapid grower, and desirable plant. Remarkably free from nsect enemies, and excellent for trellises, covering buildings, fences and the like.

	Each	10	100
3 to 4 ft., 3 years.........	$0 35	$2 50	$20 00
5 to 6 ft., 4 years.........	50	3 50	25 00

Akebia

Akebia quinata. It is a hardy, quick-growing vine, that is graceful and handsome. Has small, five-lobed, half-evergreen leaves, and fragrant purplish-brown or chocolate-colored flowers.

	Each	10	100
2 to 3 ft., 3 and 4 years...	$0 35	$2 50	$18 00
Potted plants............	50	4 00	

Ampelopsis

Ampelopsis pubescens. A variety similar to the better known A. quinquefolia or Virginia Creeper.

	Each	10	100
3 to 4 ft., 3 years.........	$0 25	$2 00	$18 00
4 to 5 ft., 4 years.........	35	2 50	20 00

A. quinquefolia. VIRGINIA CREEPER. A hardy native vine of strong, rapid growth. The large, handsome leaves are deeply cut into five lobes; hence, the name "Five Finger" is often given to it. In Autumn, the foliage turns a beautiful rich crimson. Berries blue, produced in panicles. An excellent vine for arbors, fences, trellises, walls and for running up trees and over stumps. A handsome and graceful species.

	Each	10	100
1 ft., 1 year.............	$0 20	$1 50	$12 00
3 to 4 ft., 3 years.........	25	2 00	15 00
Potted plants............	50	4 00	

Ampelopsis quinquefolia, var. Engelmanni. Practically identical with A. quinquefolia. It clings a little more tenaciously to a support, and grows a little more strongly.

	Each	10	100
1 to 2 ft., 1 year	$0 20	$1 50	$12 00
2 to 3 ft., 3 years	25	2 00	15 00
3 to 4 ft., 4 years	35	2 50	18 00
Potted plants	50	4 00	

var. muralis. Resembles the above, but is more slender and shorter jointed, with smaller leaves that are whitened beneath.

	Each	10	100
2 to 4 ft., 3 and 4 years	$0 25	$2 00	$15 00

A. tricolor; syn. heterophylla elegans. Leaves resemble in shape those of grapes, and are curiously spotted with tints of pink, white and green.

	Each	10	100
1 to 1½ ft., 1 year	$0 20	$1 50	$12 00
3 to 4 ft., 3 and 4 years	25	2 00	15 00

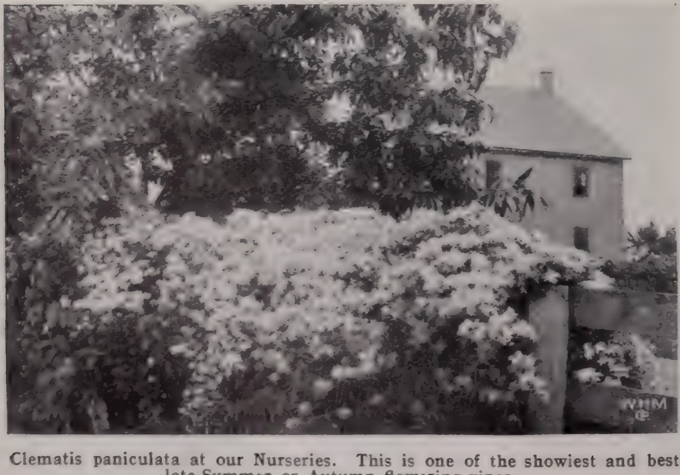
A. Veitchii; syn. tricuspidata. JAPANESE OR BOSTON IVY. The tendrils hold tenaciously to any support, and the roots find nourishment in the poorest soils. It is a quite hardy, rapid grower. The leaves are strung thickly and overlap one another in a mat of fresh, shining green, that turns a brilliant red in Autumn. It is the most popular Ivy for covering buildings and walls, and grows well in the smoky atmosphere of cities.

	Each	10	100
3 years, field-grown	$0 25	$2 00	$15 00
Potted plants	35	2 50	20 00

Aristolochia

Aristolochia sipho. DUTCHMAN'S PIPE. A strong, hardy-growing, tropical-looking vine, with handsome light green leaves, 8 to 12 inches across. It will give a quick, dense shade, and is much used on arbors and trellises. The corolla of the brown flowers is shaped like the bowl of a pipe.

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$35 00
3 to 4 ft.	60	5 00	45 00
4 to 7 ft.	75	6 00	50 00
Potted plants	1 00	7 50	



Clematis paniculata at our Nurseries. This is one of the showiest and best late Summer or Autumn-flowering vines.

Bignonia. Trumpet Vine.

These are familiar strong-growing vines, with deep, rich green foliage and large, trumpet-shaped flowers in early Summer. They are very desirabl for covering Summer-houses, training over arbors and to climb over trees, rocks and rustic bridges Bignonias will grow in almost any soil, and are hardy, except in the coldest climates. We offer the two varieties that follow.

Bignonia grandiflora. TRUMPET VINE. July The orange-red flowers are larger and earlier than B. radicans, and it is a more bushy grower.

	Each	10	100
1 ft., 1 year	$0 25	$2 00	$15 00
3 to 4 ft., 4 years	50	3 50	25 00
Potted plants	60	5 00	

B. radicans. SCARLET TRUMPET VINE. July to September. Our native species, with deep scarlet flowers. It is a familiar, old-fashioned vine, that clings tenaciously and grows rapidly to tall heights.

	Each	10	100
1 to 2 ft., 1 year	$0 20	$1 50	$12 00
3 to 4 ft., 2 years	25	2 00	15 00
4 to 5 ft., 4 years	35	2 50	20 00
Potted plants	50	4 00	

Celastrus. Bittersweet

Celastrus articulatus. JAPANESE BITTERSWEET. A vigorous climber, that is useful in the same ways, and very similar to our better-known native, described next below.

	Each	10	100
1 to 2 ft., 1 year	$0 20	$1 50	$12 00
4 to 5 ft., 2 years	25	2 00	

C. scandens. BITTERSWEET. A native vine that is especially ornamental in Fall and Winter, with brilliant orange and scarlet fruits.

	Each	10	100
1 to 1½ ft., 2 years	$0 20	$1 75	$15 00
2 to 3 ft., 3 years	25	2 00	18 00
Potted plants	50	4 00	

Clematis

Familiar vines that flower profusely, and are in demand for covering porches, trellises and arbors, and to climb over posts and fences.

Clematis coccinea. SCARLET CLEMATIS. Flowers freely in late Spring or early Summer.

	Each	10	100
Extra strong plants	$0 50	$4 00	$35 00

C. crispa. MARSH CLEMATIS. A delicate native sort of smaller growth than some of the other kinds. From June until frost it bears fragrant purple or lavender-colored flowers.

	Each	10	100
Extra strong plants	$0 50	$4 00	$35 00

C. flammula. SWEET CLEMATIS. The dark green foliage lasts until late in the Fall. Masses of small, white, fragrant flowers come in early Autumn. A hardy and desirable sort for domestic or wild uses.

	Each	10
2 years	$0 15	$1 25

Clematis paniculata. It is a strong, luxuriant grower, with light green foliage, that is handsome in itself. At the close of August, innumerable star-like flowers cover the vine in a sheet of fragrant white. We recommend it for planting anywhere around the house and for covering posts, fences, walls and stumps.

	Each	10	100
1 to 1½ ft., 2 years......	$0 25	$2 00	$15 00
Potted plants............	35	2 50	20 00

C. Virginiana. VIRGIN'S BOWER, OR WILD CLEMATIS. In midsummer, this vine brightens many landscapes. as it rambles and reaches over trees and ugly places, covering them with its masses of delicate white flowers.

	Each	10	100
2 years...	$0 35	$2 50	$20 00

Clematis Hybrids

Extra strong plants, 50 cents each; $4.00 per 10; $35.00 per 100.

Duchess of Edinburgh. Pure white, double flowers.

Henryi. Large, creamy white and handsome.

Jackmani. Next to C. paniculata, this is the most popular variety, with rich, royal-purple flowers three inches across; borne abundantly in June and occasionally afterwards.

Mme. Baron Veillard. Rose.

Mme. Edouard Andre. Deep, rich crimson; large flowers.

Romona. Very large, deep sky-blue flowers. A desirable new sort.

Ville de Lyon. Bright red. Well-formed flowers, and very good variety.

Dolichos. Kudzu Vine

Dolichos Japonica. JAPANESE KUDZU VINE. An extremely rapid-growing vine, that has been known to make 40 to 60 feet of growth a year. It is an especially desirable thing for quick effects and useful for hiding unsightly objects. The leaves are large and handsome.

	Each	10
2 years............	$0 25	$2 00

Honeysuckle. Always desirable and always dependable.

Euonymus

Euonymus radicans. CREEPING EUONYMUS. An evergreen species, with small, glossy leaves. Grows slowly to a height of 20 or 30 feet. Clings tenaciously to walls or rocks, for which it makes a splendid cover. Easily kept under control, and on this account suited for low walls.

	Each	10	100
1 to 2 ft., 2 and 3 years...	$0 25	$2 00	$15 00

var. variegata. Differs from the above in that it has pretty creamy-white markings on the leaves that make it valuable for contrasts.

	Each	10	100
¾ to 1 ft., 2 years........	$0 20	$1 50	$12 00
1 to 1½ ft., 2 and 3 years,	25	2 00	15 00

Hedera. Ivy

Hedera helix. ENGLISH IVY. A familiar evergreen vine, with thick, dark green foliage. It grows in almost any soil, and is fond of shady places. The young and immature wood sometimes Winter-kills in localities north of New York, but it is not so much the cold as the bright, late Winter suns that kill it. Much used to cover buildings, rocks, trunks of trees, trellis work, graves, and as an evergreen carpet beneath trees in places where grass will not grow.

	Each	10	100
Potted plants............	$0 35	$2 50	$20 00

Jasminum

The two varieties described on page 48 are sometimes trained over arbors, trellises and used as vines are used.

Lathyrus

Lathyrus latifolius. EVERLASTING OR PERENNIAL PEA. Climbs to a height of 8 or 10 feet, and the entire Summer it produces clusters of rosy-red, pea-shaped flowers. A good vine for planting among rocks and shrubberies.

	Each	10	100
2 years....	$0 15	$1 25	$10 00

var. alba. A white-flowering form of the above.

	Each	10	100
2 years....	$0 15	$1 25	$10 00

Lonicera. Honeysuckle

Favorite vines, with flowers of delicious fragrance. Strong, rapid growers in any soil or location. They are well adapted for all trellis work; for climbing over arbors and verandas; for training to posts and along fences. They are beautiful when allowed to ramble over trees and bushes in wild and natural ways. The vines take root where they touch the ground; this habit suits them for creeping over dumps and unsightly places, and for retaining soil on slopes and banks. They withstand shade, and make a ground cover in places where grass will not grow.

Lonicera Belgica. MONTHLY FRAGRANT HONEYSUCKLE. Red flowers.

	Each	10
2 to 3 ft., 3 years................	$0 25	$2 00

L. Caprifolium. ITALIAN HONEYSUCKLE. Flowers yellowish-white on the inside and purplish outside. A free bloomer.

	Each	10	100
1 ft., 1 year............	$0 20	$1 50	$12 00

L. flava. YELLOW HONEYSUCKLE. An early and fragrant bloomer.

	Each	10
1 to 1½ ft., 1 year...............	$0 20	$1 50
3 to 4 ft., 3 and 4 years..........	25	2 00

L. Hendersonii. Yellow, trumpet-shaped flowers.

	Each	10	100
3 to 4 ft., 3 and 4 years..	$0 35	$2 50	$18 00

LONICERA OR HONEYSUCKLE—Continued

Lonicera Japonica, var. aurea reticulata. GOLDEN HONEYSUCKLE. The leaves, netted with golden yellow, are beautiful in themselves, and are valuable for color contrasts with other kinds. It is a good, hardy grower, with fragrant, cream-colored flowers.

	Each	10	100
1 to 2 ft., 1 year	$0 15	$1 25	$10 00
3 to 4 ft., 3 and 4 years	25	2 00	12 00
Potted plants	35	3 00	25 00

var. brachypoda. EVERGREEN HONEYSUCKLE. This variety is very similar in appearance to the well-known Hall's Honeysuckle. It is a strong grower and desirable sort, with yellow flowers. The leaves turn a coppery hue in late Autumn, and last until almost Spring.

	Each	10	100
1 to 2 ft., 1 year	$0 15	$1 25	$12 00
3 to 4 ft., 3 years	25	2 00	12 00
Potted plants	35	3 00	25 00

var. Chinensis. The leaves are reddish-green, often with purplish veins beneath. In Winter, the foliage turns to a beautiful bronze hue and lasts well on toward Spring. The profusion of buds are tinted with pink and open into very fragrant white and pink flowers. This is one of the best varieties for every purpose.

	Each	10	100
3 to 5 ft., 3 and 4 years	$0 25	$2 00	$15 00
Potted plants	35	3 00	25 00

var. Halliana. HALL'S HONEYSUCKLE. The most popular variety. Glossy, light green leaves; strong, vigorous, half-evergreen habit, and a wealth of white and buff flowers, succeeded by occasional bloom until frost.

	Each	10	100
2 to 3 ft., 1 year	$0 15	$1 25	$10 00
3 to 4 ft., 3 years	25	2 00	15 00
Potted plants	35	3 00	25 00

L. sempervirens, var. fuchsioides; syn. L. punicea. SCARLET TRUMPET HONEYSUCKLE. Differs widely from the Japanese forms, and is brilliant in bloom with its clusters of tubular scarlet flowers, that continue all Summer. Bluish-green leaves. A very pretty and desirable sort.

	Each	10	100
1 to 1½ ft., 1 year	$0 20	$1 50	$12 00
3 to 4 ft., 3 years	25	2 00	15 00
Potted plants	50	4 00	

L. Sullivanti. Attractive foliage; yellow flowers and scarlet berries.

	Each	10	100
3 to 5 ft., 3 and 4 years	$0 25	$2 00	$15 00

Lycium. Matrimony Vine

Lycium Chinense. A hardy plant, that serves as a vine or shrub. Slender, drooping branches; bears pink and purple flowers from June until September, that are succeeded in Winter by scarlet and orange fruits. Grows anywhere and is, on this account, a good plant to withstand abuse and neglect.

	Each	10	100
3 to 5 ft., 3 and 4 years	$0 35	$2 50	$18 00

Periploca

Periploca Græca. SILK VINE. Dark green, silky leaves. Small, purple flowers in July.

	Each	10	100
3 to 4 ft., 3 years	$0 25	$2 00	$15 00

Roses

The Rambler Roses and some of the other varieties that we mention on pages 61 and 62 may be successfully used for climbing and rambling about in the same manner as vines.

Schizophragma

Schizophragma hydrangeoides. CLIMBING HYDRANGEA. A tall climber, with many tendrils, that grip firmly to any wall or support given it. Flat clusters of showy flowers in midsummer.

	Each
3 to 5 ft., 4 years	$1 00

Vinca. Periwinkle

Vinca minor. MYRTLE OR PERIWINKLE. A familiar evergreen creeper, that bears blue flowers in early Spring, and is common as a carpet in shady places or on rockeries and graves.

	Each	10	100	1000
½ to 1 ft., 1 year,	$0 07	$0 60	$4 00	$25 00
1 to 1½ ft., 2 years,	10	75	6 00	40 00
Potted plants	15	1 25	10 00	60 00

var. alba. WHITE PERIWINKLE. White flowers alone distinguish it from the common variety above.

	Each	10	100
Potted plants	$0 15	$1 25	$10 00

Vitis. The Grapes

Vitis cordifolia. FROST OR WINTER GRAPE. Small, black Grapes. Valued for natural effects, running over trees, etc.

	Each	10
3 years	$0 35	$2 50

V. Labrusca. FOX GRAPE. A rapid-growing, strong, native vine, with large, purplish-black fruits. Especially suited for climbing over thickets and trees.

	Each	10
1 to 2 ft., 3 years	$0 35	$2 50

Wistaria

Strong-growing vines, that wrap themselves tightly about any support, and are valued most for covering bowers, porches and training over tree trunks. In May they bear abundant, dense, drooping clusters of flowers, similar in shape to those of a sweet pea, and occasionally a lighter crop follows in August. See illustration, page 62.

Wistaria Chinensis. CHINESE WISTARIA. The common variety, which flowers so profusely in May. Flowers pale blue; fragrant. It withstands the smoke of cities; grows anywhere.

	Each	10	100
2 to 3 ft., 3 years	$0 50	$3 50	$25 00
3 to 4 ft., 4 years	75	5 00	35 00
Potted plants	75	5 00	

var. alba. A beautiful white-flowering form of our common Wistaria, that possesses the strong-growing, hardy qualities of its parent.

	Each	10	100
1 to 1½ ft., 1 year	$0 35	$3 00	$25 00
1½ to 2 ft., 2 years	50	4 00	
3 to 4 ft., 4 years	1 00	7 50	
Potted plants	75	5 00	

	Each
4 to 6 ft. specimens	$3 50 to $5 00

W. frutescens. AMERICAN WISTARIA. Lilac-purple flowers; later than the other kinds.

	Each	10	100
2 to 3 ft., 4 years	$0 50	$3 50	$25 00

var. magnifica. Flowers fragrant; larger and more dense than the above.

	Each	10	100
4 to 5 ft., 4 years	$0 50	$3 50	$25 00

W. multijuga. LOOSE-CLUSTER WISTARIA. Panicles of deep purple bloom, often 3 feet long. One of the most artistic of the group.

	Each	10	100
1 to 1½ ft., 1 year	$0 25	$2 00	$18 00
2 to 2½ ft., 2 years	35	2 50	
3 to 5 ft., 4 years	50	3 50	

5 to 7 ft., heavy specimens...$7 50 to $10 00 each

California Privet Hedges. For prices see below.

THERE is nothing quite so effective for lawn boundaries and other property divisions as hedges. They do not rot away and require paint, as fences do; instead, they will grow more dense and increase in effectiveness and beauty as they get older. There are numerous varieties that may be used for these purposes; space does not allow us to go fully into their different merits, so we confine ourselves here to a few of the best and most generally used kinds, while others will be found in their respective places elsewhere throughout this catalogue.

CALIFORNIA PRIVET (Ligustrum ovalifolium, also page 49). Never has a hedge plant proven itself more desirable than this Privet, used in thousands of hedges from Massachusetts southward. Its bright, glossy leaves and ability to withstand shearing are features that make it so attractive. It grows almost equally as well in the city as it does in the country, and it thrives beside the ocean as it does inland. There are few plants that will endure partial shade and impoverished soils so well, though it appreciates better conditions.

We have 100,000 strong, heavy plants, that will make hedges quickly.

	100	1000
1 to 1½ ft., plant 8 or 10 ins. apart,	$3 00	$20 00
1½ to 2 ft., plant 10 ins. apart....	4 50	25 00
2 to 2½ ft., plant 10 ins. apart....	6 00	35 00
2½ to 3 ft., plant 10 or 12 ins. apart,	7 50	45 00
3 to 4 ft., plant 12 ins. apart......	12 00	65 00

IBOTA PRIVET (Ligustrum Ibota, page 49). This is a hardier form than the above, with stouter branches. It grows under just as wide a range of conditions, and makes a hedge equally as serviceable as any other hedge plant, but is "different and distinctive."

	100	1000
2½ to 3 ft., plant 12 ins. apart....	$15 00	$90 00
3 to 4 ft., plant 12 ins. apart......	20 00	115 00

REGEL'S PRIVET (Ligustrum Ibota, var. Regelianum, page 49). Here is a plant that makes good, attractive hedges, either sheared or unsheared, and in Autumn the foliage turns a glowing, bright red.

	100	1000
1½ to 2 ft., plant 10 or 12 ins. apart,	$15 00	$70 00
2 to 3 ft., plant 12 ins. apart......	20 00	100 00
3 to 4 ft., plant 12 or 15 ins. apart.	25 00	125 00

SIBERIAN PRIVET (Ligustrum Siberica, page 49). Any plant that comes from Siberia we expect to be hardy, and this variety is no exception. It is similar to the other kinds, and makes equally as good hedges, but is less expensive.

	100	1000
2½ to 3 ft., plant 10 or 12 ins. apart,	$10 00	$50 00
2½ to 3 ft., heavier plants, 12 or 15 ins. apart..................	15 00	75 00

AMOOR PRIVET (Ligustrum Amurense, page 49). One of the hardiest kinds and the most nearly evergreen. A choice hedge plant that few people have.

	100	1000
1½ to 2 ft., plant 8 or 10 ins. apart,	$7 00	$50 00
3 to 4 ft., plant 10 or 12 ins. apart,	12 00	80 00

BARBERRIES. These little plants make beautiful, dense hedges. The Japanese Barberry (Berberis Thunbergii) is the variety most generally used; we list it here. For the other kinds, see page 40.

	100	1000
1 to 1½ ft., plant 8 or 10 ins. apart,	$12 00	$100 00
1½ to 2 ft., plant 10 ins. apart....	15 00	125 00

LOMBARDY POPLARS FOR SCREENS. There is nothing that makes a tall screen more quickly. See also Populus nigra, var. fastigata, page 31, and the illustration, page 32.

	10	100
8 to 10 ft.	$6 00	$40 00
10 to 12 ft.	10 00	75 00
12 to 14 ft.	12 50	100 00

ALTHEAS FOR FLOWERING HEDGES. From July to September these glorious flowers bloom abundantly; and because the number of flowers is increased by Winter shearing, which hedges require, this is a flowering hedge par excellence. For descriptions of the many varieties that we offer, see pages 46 and 47.

	10	100
2 to 3 ft., plant 12 ins. apart	$2 00	$15 00
3 to 4 ft., plant 12 ins. apart	2 50	18 00
4 to 5 ft., plant 15 ins. apart	3 50	25 00
5 to 6 ft., plant 15 ins. apart	5 00	35 00

NORWAY AND HEMLOCK SPRUCE. Two splendid evergreens that make thick, dense hedges, tall screens, wind-breaks or shelter-belts. Their evergreen foliage makes them an "all year" plant.

Norway Spruce (**Picea excelsa**, see also page 8).

	10	100
1½ to 2 ft., plant 12 ins. apart	$3 50	$25 00
4 to 5 ft., plant 18 or 24 ins. apart	12 50	100 00
5 to 6 ft., plant 3 ft. apart	35 00	300 00
6 to 7 ft., plant 3½ ft. apart	45 00	400 00

Hemlock Spruce (**Tsuga Canadensis**, see also pages 15 and 16).

	10	100
1½ to 2 ft., plant 12 ins. apart	$4 00	$35 00
2½ to 3 ft., plant 15 or 18 ins. apart	11 00	100 00
3 to 4 ft., plant 18 ins. apart	17 50	150 00
4 to 5 ft., plant 2 to 2½ ft. apart	25 00	225 00

ARBORVITÆ. THE AMERICAN ARBORVITÆ (Thuya occidentalis, page 13) is the evergreen so often used for screens against stables, clothes-yards, etc. See the picture on page 14. The other varieties of Arborvitæ all have their desirable hedging qualities, but we only quote here the American sort so generally used.

	10	100
1½ to 2 ft., plant 1 ft. apart	$2 50	$15 00
3 to 3½ ft., plant 15 ins. apart	6 00	50 00
4 to 5 ft., plant 18 ins. apart	12 50	100 00
5 to 6 ft., plant 20 ins. apart	17 50	150 00
6 to 7 ft., plant 20 ins. apart	25 00	200 00

If you do not find here the variety of hedge you have in mind, don't fail to ask us for suggestions and fuller particulars, which we shall gladly supply.

ORNAMENTAL REEDS AND GRASSES

THERE are few things more effective in landscape work than this class of plants. They are strong, rapid growers in almost any soil. During the close of Summer they come into bloom and are most showy and ornamental with their large flower-plumes. The Arundos are straight and erect, the Grasses slender and graceful. Both are excellent for bedding. Each is equally well suited for mixed plantings of any kind. They annually increase in beauty and give so much satisfaction that we do not hesitate recommending them for more extensive use.

ARUNDO donax, var. variegata. VARIEGATED GIANT REED. A tall reed, that partakes of the same nature as a corn-stalk, with most beautiful, long, narrow, whitish, variegated leaves. A showy plant, well suited to border planting or in other places that will suggest themselves.

Each	10
$0 25	$2 00

Eulalia Japonica, var. Zebrina. A beautiful grass for Summer and Autumn effects.

BAMBUSA. BAMBOO. These odd and interesting plants from the semi-tropics have been found hardy here, and are decorative in many places. A slight Winter protection is desirable, but not entirely necessary. We offer the varieties Aurea Metake and Simoni, $1.00 each.

ERIANTHUS Ravennæ. PLUME GRASS, OR HARDY PAMPAS. Grows 9 to 12 feet high. Sends up a great lot of silvery flower plumes. Very similar to the Pampas Grass.

	Each	10	100
Strong root divisions	$0 15	$1 25	$10 00
Clumps	25	2 00	15 00

EULALIA gracillima univittata. JAPAN RUSH. A beautiful, tall, swaying grass, with narrow green leaves and a conspicuous silvery-white midrib.

	Each	10	100
Strong root divisions	$0 15	$1 25	$10 00
Good clumps	25	2 00	15 00

E. Japonica variegata. The long, narrow leaves are striped with a band of white. A graceful and beautiful plant.

	Each	10	100
Strong root divisions	$0 15	$1 25	$10 00
Good clumps	25	2 00	15 00

E. Japonica, var. Zebrina. Similar to the above, save that stripes of yellow run across the leaves.

	Each	10	100
Strong root divisions	$0 15	$1 25	$10 00
Good clumps	25	2 00	15 00

GYMNERIUM argenteum. PAMPAS GRASS. Grows 8 to 10 feet high in a season, and is most ornamental with its long, silvery plumes; needs slight protection.

	Each	10
Strong root divisions	$0 25	$2 00

A garden in which Moon's Plants were used.

HARDY PERENNIAL PLANTS

IT is no wonder that these grand, old-fashioned hardy garden flowers continue to increase in popularity, because there is not a time during the whole flower season in which some hardy perennial is not in bloom; and when the wooded shrubs are almost bare of flowers in July and August, these little plants may be depended upon to make a grand display. The perennials are not fastidious about the soil they have to grow in, though many of them, of course, have a preference. Year after year, they reappear and flower abundantly, requiring scarcely any attention.

A planting of perennials affords a display of bloom from earliest Spring until after frost comes in the Fall, and gives the owner flowers that may be cut at any time for house and table decoration. These plants look well anywhere, but are especially suited for border planting, either by themselves or in connection with shrubbery groups; they are also effectively used when planted along garden walks, walls or fences, in rockeries and innumerable places that will suggest themselves.

There are thousands of varieties, many of them almost worthless; many almost identical with other kinds. We do not attempt to offer a complete assortment, but have endeavored to grow those that have a positive value in the perennial garden.

PRICES OF PERENNIAL PLANTS, except where otherwise noted, are 15 cents each; $1.25 per 10; $10.00 per 100.

ACHILLEA millefolium roseum. Rosy Milfoil. All Summer and on into Fall, there are heads of rosy-red flowers on stems about 18 inches high. The foliage is cut deeply.

A. Ptarmica fl. pl., "The Pearl." Two feet. In July and August it is covered with a profusion of small, pure white, double flowers.

Agrostemma coronaria. Mullein Pink. Rough, silvery leaves. Bright, crimson flowers in June and July, on stems 2 to 3 feet long.

Alyssum saxatile, var. compactum. Golden Tuft. An excellent, low-spreading plant for the rockery or border, with flat heads of yellow flowers in May and June.

AMSONIA Tabernæmontana. Terminal spikes of clear blue flowers on stout, woody stems, about 2 feet high in May.

ANEMONE Japonica, var. alba. A splendid late-flowering perennial, 2 to 3 feet high.

var. QUEEN CHARLOTTE. Large, rose-like flowers of beautiful silvery-pink color.

ANTHEMIS tinctoria, var. Kelwayii. Hardy Marguerite. A bushy plant about 18 inches high, with a continuous show through the Summer of golden-yellow, daisy-like flowers.

AQUILEGIA Canadensis. Native Columbine. Bright red and yellow.

A. chrysantha. Columbine. Growing to about 18 inches to 2 feet. From May to July, bright with fragrant golden-yellow flowers.

A. cœrulea. Rocky Mountain Columbine. A handsome form, that grows to about 18 inches high, and is showy from May to July with blue flowers.

ARABIS Alpina. Rock Cress. A very low-spreading plant, completely covered with pure white flowers in April and May.

ASTER, the Hardy Perennial Types. Showy Autumn flowers, about 5 feet high, with myriads of tiny, bright-colored, daisy-like flowers. Very desirable for sylvan and natural plantings. We offer a choice strain of assorted colors.

ASTER Novæ Angelæ. Bluish purple flowers; otherwise similar to the above.

BELLIS Perennis. English Daisy. Popular favorites of very low growth and beautiful little round flowers in earliest Spring. Splendid for bedding and edging. We offer two varieties.

var. "The Bride." White.

var. "Giant Red." Reddish pink.

Prices of either of the above are 10 cents each; 75 cents per 10; $6.00 per 100.

BOCCONIA cordata. During July and August, this tall perennial (6 to 8 feet) is at its best, with large, loose terminal panicles of creamy white flowers. It is a splendid thing to use in shrubbery borders and in connection with smaller plants of any kind.

Hardy Chrysanthemums, the best late Autumn perennial.

BOLTONIA asteroides. False Chamomile. A strong-growing plant, 3 to 5 feet, that is covered during the Summer and early Autumn with hundreds of small, white flowers. The Boltonias are the most showy herbaceous plants in their season.

B. latisquama. The flower is a very pale pink; in other respects similar to the above.

CALIMERIS incisa. A border plant that produces daisy-like, lavender flowers, with yellow centers, from July to September.

CALLIRHŒ involucrata. A low-growing carpet plant, with large, saucer-shaped flowers of rosy-crimson color. One of the finest perennials for creeping over rocks in a rock garden, or at the base of shrubbery. It flowers continuously during most of the Summer.

CAMPANULA carpatica. The Bellflower. Compact tufts about 10 inches high. Flowers blue, lasting all Summer.

var. alba. White-flowered form of the above.

C. medium calycanthema. Cup-and-Saucer Canterbury Bells. Blue, white and rose.

C. persicifolia. Blue and white star-shaped flowers, with deep chalice, in clusters on spikes about 2 feet high at the first of June.

C. pyramidalis. Chimney Bellflower. The most conspicuous Campanula, when weighted in September with 4- to 5-foot spikes of blue flowers.

C. ranunculoides. Graceful spikes, 3 feet high, loaded in June and July with blue, bell-shaped flowers.

CARYOPTERIS Mastacanthus. Blue Spirea, or Verbena Shrub. A shrubby plant, valued for its wealth of blue flowers, that come in September and last until after frost.

CASSIA Marilandica. A desirable, shrubby-looking plant, 3 to 4 feet high, with panicles of bright yellow flowers in July and August, especially for moist places.

CERASTIUM tomentosum. The common name, "Snow-in-Summer," is descriptive of this little plant, that is almost hidden beneath white flowers in June and July.

CHRYSANTHEMUM maximum "Triumph." Moonpenny Daisy. A strong grower, about 3 feet, with a profusion of large, daisy-like flowers, with white petals and yellow centers. From July to October.

C. King Edward VII. Similar to the above, with equally large, pure white, daisy-like flowers of great beauty.

C. Hybridum. Shasta Daisy. A much-talked-about flower, very similar to the two above, and, likewise, a continual bloomer during the Summer months.

Hardy Pompon Chrysanthemums

We offer an assortment of hardy Pompon varieties. They flower profusely in October, and are not injured by early frosts, and, therefore, gay and beautiful after everything else in the garden has been killed. They are excellent for cut flowers and bouquets. Sure bloomers and satisfactory growers that attain a height of about 3 feet. They should be included in all orders for plants of perennial character.

Varieties of Chrysanthemums

Prices for strong, field-grown plants are 15 cents each; $1.25 per 10; $10.00 per 100.

Danizula. Rosy pink.

Gold Finch. Rich, golden yellow, with tiny red stripes.

Gold Nugget. Golden inner petals tinted with red.

Queen of Whites. As the name implies, one of the best white kinds.

Miss Julia. Bronze.

Sunset. Scarlet-bronze.

Tennyson. Pure yellow.

CLEMATIS Davidiana. A shrubby plant, 2 to 3 feet high, that blossoms during August and September. Deliciously fragrant, bell-shaped flowers, of deep lavender-blue color.

COREOPSIS lanceolata. A splendid flower for cutting, and showy in the garden, with graceful habit and rich golden yellow blooms, that come the last of June and continue on to Autumn. Grows 2 feet high.

C. rosea. August and September. Small pink flowers. A low border and rockery plant.

DELPHINIUM Chinense. A hardy Larkspur, 2 feet in height, with long flower-spikes of white and blue shades from July until September.

D. formosum. LARKSPUR. An old-fashioned garden favorite, with large spikes of dark blue flowers. Grows 4 to 5 feet high.

DIANTHUS barbatus. SWEET WILLIAM. A small plant, flowering from May to July, and growing 12 to 18 inches high. It is well known. The plants we offer are of assorted colors.

D. plumarius. HARDY PINKS. These are old-time favorites that require little attention and flower bountifully each year. They are valued for edging, also in rockeries or wherever a low plant is needed. We offer assorted colors.

DICENTRA spectabilis; syn. DIELYTRA. BLEEDING HEART. Long, graceful racemes of pink, heart-shaped flowers in May and June. An old-fashioned favorite that deserves its popularity.

DIGITALIS gloxiniæflora. FOXGLOVE. A splendid strain of familiar old-fashioned plants, that grow 3 to 4 feet high and flower in June.

D. maculata superba. Dwarf; with yellow flowers a few weeks later than the other kinds.

ERYNGIUM amethystinum. SEA HOLLY. An excellent border plant, with amethyst-blue flowers from July to September. 2 feet.

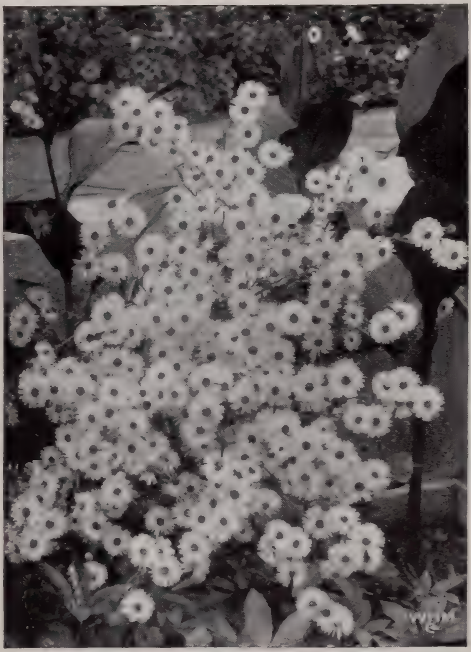
EUPATORIUM ageratoides. WHITE SNAKEROOT. Dense, flat heads of white flowers, on stems 3 to 4 feet high, from August to October.

E. Fraseri; syn. aromaticum. Closely resembles the above. Of slightly stouter habit; a little later to flower. More enduring in dry soils.

E. purpureum. A tall, rank-growing native, with rosy purple flowers in August and September.

FUNKIA cœrulea. PLANTAIN LILY. Large, handsome leaves; spikes of blue flowers in July and August. Valuable for individual as well as collective planting.

F. subcordata grandiflora. White, fragrant flowers, and broad, handsome green leaves.



Boltonia. A showy perennial in late Summer and Autumn.

F. undulata media picta. Green and white variegated foliage, purple flowers.

GAILLARDIA grandiflora. BLANKET FLOWER. We offer no more desirable herbaceous plant than this one, which begins to flower in June and continues unremittingly until frost. It grows 2 to 3 feet in height and thrives almost anywhere. The center of the flower is a dark reddish-brown, while the orange petals are differently marked with bands of scarlet-crimson and vermillion.

GEUM atrosanguinea. Low border plants, with beautiful foliage that makes a splendid setting for its dark red flowers that bloom all Summer.

PRICES OF PERENNIAL PLANTS, except where otherwise noted, are 15 cents each; $1.25 per 10; $10.00 per 100.

GYPSOPHILA acutifolia. Baby's Breath. A favorite, delicately formed plant of 3 to 4 feet, that bears a profusion of tiny white flowers in August and September, which are splendid for use in bouquets, etc.

var. paniculata. Another of the "Baby's Breaths," very similar to the above.

HELIANTHUS. Hardy Sunflower. Strong growers; succeeding anywhere. Useful in connection with shrubbery borders, in clumps by themselves, as well as all herbaceous plantings. They grow 4 to 5 feet high, and in August and September bear golden-yellow flowers.

H. meteor. Double orange-yellow flowers.

H. mollis grandiflorus. Beautiful lemon-yellow flowers.

H. Wolley Dod. One of the best, with deep yellow flowers in September.

HELENIUM autumnale superbum. A desirable perennial, especially valued for use in connection with shrubbery borders, where its tall stems, laden in late Summer with deep golden-yellow flowers, show off to best advantage.

Siberian Iris, showing how well it is adapted to water-side plantings.

HELIOPSIS pitcheriana. A continual bloomer from early Summer until late in the season. Abundant, deep golden-yellow flowers, about 2 inches in diameter, borne on stems 3 to 4 feet high.

H. scabra major. Orange Flower. A desirable herbaceous plant, which bears very large flowers of a beautiful deep golden-yellow color. Begins to flower early in the season, and continues the entire Summer. Valued for cutting.

HELLEBORUS niger. Christmas Rose. A tiny plant, remarkable for the large flowers that it produces very early in the Spring, sometimes even before the snow goes.

Each	10
$0 35	$2 50

HEMEROCALLIS flava. Yellow Day Lily. A profusion of large, fragrant yellow lilies during August and September. Grows 3 feet high.

HESPERIS matronalis. Sweet Rocket. At the close of May numerous terminal spikes of showy flowers, that resemble Phlox, are borne on stems of 2 to 3 feet in height. Our stock embraces assorted pink and white kinds.

HEUCHERA sanguinea. Grows 1½ to 2 feet high, and forms a compact tuft of foliage. Spikes loaded with bright coral-red flowers. July and August.

HIBISCUS Moscheutos, var. Crimson Eye. A woody plant, often 5 feet in height. It is fond of moist places, although it grows well in drier soils. In September it bears large, single flowers, with crimson centers, and pink or white outer petals. It is a beautiful plant in bloom, and especially suited for mixed borders.

HOLLYHOCKS. Hollyhocks are so well known that they do not require describing. Their value in perennial borders and for interspersing among shrubbery is realized. We offer the double fringed Allegheny Hollyhocks in assorted colors, also a distinct double pink and double white variety.

HYPERICUM Moserianum. Gold Flower. June until frost. A low, creeping plant, with bright green leaves, that make a pretty setting for the golden-yellow flowers.

	Each	10	100
1 to 1½ ft..............	$0 25	$2 00	$15 00

IBERIS sempervirens. Hardy Candytuft. A dwarf plant, with evergreen foliage, valued as a ground cover or in a rockery. Pure white flowers in April and May.

Iris

Sometimes known as "Flags," and often spoken of as "Fleur-de-Lis." Popular herbaceous plants, that come up year after year, and each season stronger and more floriferous than the previous. They grow in clumps, and do well in almost any soil; are desirable in borders and shrubbery, and beautiful in beds and groups by themselves; also for planting along water-edges. The flowers embrace a variety of colors in innumerable tints of blue, yellow and white. Those of the German forms are not so delicately colored, nor are they so large as the flowers of the Japanese varieties. They flower the latter part of May, and are through flowering the last of June, when the Japanese Iris are brilliant with their wealth of flowers. Both are needed to give a continuous effect from May to July. This year, we have also a fine stock of the Siberian Iris, which are especially valued for water-side and naturalistic plantings.

German Iris (Iris Germanica)

	Each	10	100
Strong plants............	$0 15	$1 25	$10 00
Extra heavy clumps......	25	2 00	15 00

ADONIS. A deep blue. Fine and early to flower.

Albino. Very pale lavender; falls tipped with royal purple.

Britannica. Blush; falls tipped with purplish blue.

GERMAN IRIS—Continued

Chameleon. Delicate blue; falls tipped a little darker.

Charlotte Patty. Golden-yellow; lower petals lightly veined with blue.

Charles Dickens. Practically identical with Madame de Brabant.

Fairy Queen. Upper petals white; lower veined with blue.

Florentina alba. White, slightly fragrant and early.

Garrick. Upper petals delicate light blue; lower a darker violet blue. Almost identical with Herant and Viola.

General Agamemnon. Upper petals white; lower petals blue.

General Grant. Light chocolate color above; falls purplish, veined with white.

Leopoldi. Bronze; lower petals veined maroon.

Madame de Brabant. Standards lavender; falls purple streaked.

Mme. Chereau. White, with a delicate fringe of blue. Taller-growing than other sorts.

Othello. Upper petals bronze-yellow; lower, purple.

Pauline. Light blue; lower petals slightly darker. A splendid sort. Flowers delicate and large.

Princess Mary. Light blue; lower petals tipped purplish blue and veined.

Queen of Gypsies. Standards chocolate; falls purple, streaked with white.

Virgin. Light bronze; falls purple, veined with white.

SPECIAL OFFER OF GERMAN IRIS.

If the purchaser does not desire his varieties named, we can give him a good assortment of desirable colors.

	Each	10	100
Strong plants............	$0 12	$1 00	$7 00
Extra heavy clumps......	15	1 25	10 00

Japanese Iris (Iris Kæmpferi)

Prices of all the varieties, 25 cents each; $2.00 per 10; $15.00 per 100.

Antelope. White ground, heavily sprinkled with rich purple.

Artus. Mottled with lavender and bright lilac. Very showy.

Kamana-sara. Purple veins and crimson margin on a blush ground.

Emperor. Royal purple; base of petals streaked with yellow. Gorgeous sort.

White Empress. White, with occasional veins of lilac. A good kind.

Yeddojoines. Pale blue on a white ground; distinct and desirable.

Yomo-no-umi. Fine, large, pure white sort; base of petals yellow.

SPECIAL OFFER OF JAPANESE IRIS

If the purchaser does not desire varieties named, we can give him a good assortment of desirable colors.

	Each	10	100
Strong root divisions.....	$0 15	$1 25	$10 00

Iris Siberica. Flowers in May and June, on stems about 3 feet long. Bright, lilac-blue flowers. Is useful for cutting and good for masses, especially along water-edges.

var. alba. White, veined with lilac.

var. orientalis. Rich, violet-blue flowers, borne in lavish profusion.

LATHYRUS latifolius. EVERLASTING OR PERENNIAL PEA. Climbs to 8 to 10 feet in height, and produces clusters of large, rosy-red, pea-shaped, blue flowers the entire Summer. Useful for cutting.

var. alba. A white-flowered form of the above.

LAVENDULA vera. THE COMMON LAVENDER. With familiar aromatic foliage and fragrant blue flowers in July and August. 1½ feet.

LIATRIS. BLAZING STAR, OR GAY FEATHER. During July this plant is aglow with long spikes of rich, rosy-purple flowers. 4 to 5 feet.

LINUM perenne. FLAX. 1½ feet. Graceful foliage; large blue flowers through the entire season. A splendid plant for colony plantings, especially in natural landscapes.

LOBELIA cardinalis. CARDINAL FLOWER. From August to October. The bright scarlet flowers are among the most brilliant in the hardy border, growing 2 to 2½ feet high.

var. syphilitica. A strong grower, with light blue flowers.

LYCHNIS Chalcedonica. LONDON PRIDE. An especially desirable perennial, with brilliant heads of orange-scarlet flowers from July to September. 3 feet high.

LYSIMACHIA nummularia. CREEPING JENNY. Valued for planting under trees, where grass will not grow. Dainty, glossy, green foliage, that is very attractive.

LYTHRUM roseum superbum. ROSE LOOSESTRIFE. Valued in all perennial borders and most soils. Grows about 3 feet high, and from July to September is bright with spikes of rose-colored flowers.

MONARDIA didyma splendens. BERGAMOT. Bright scarlet flowers on spikes 2 to 3 feet high during July and August.

var. rosea. A pretty rose-colored form.

var. fistulosa alba. WILD BERGAMOT. White flowers.

MYOSOTIS palustris. FORGET-ME-NOT. Low grower, bearing a profusion of small, pale blue flowers in early Summer. A general favorite.

ŒNOTHERA. EVENING PRIMROSE. A showy border plant, with different-colored flowers that bloom all Summer.

var. Fraseri. Beautiful rich yellow.

var. fruticosa major. A wealth of bright flowers throughout the Summer.

PRICES OF PERENNIAL PLANTS, except where otherwise noted, are 15 cents each; $1.25 per 10; $10.00 per 100.

PAPAVER Orientalis. Oriental Poppy. Gorgeous with large, single flowers of glowing scarlet color, on stems 3 to 4 feet high in May. One of the showiest perennials.

PENTSTEMON barbatus Torreyi. Beard-Tongue. Is a showy thing from June to August, with spikes 3 to 6 feet high, of brilliant scarlet color.

P. digitalis. A border and rockery plant, with spikes of long, purple-white flowers in June and July. Grows 2 to 3 feet high.

P. pubescens. Bright rosy purple. July and August; 1½ feet high.

Pæonies

These old-time favorites are being planted more than ever before. Their great flowers are perfectly formed, and are often as fragrant and as delicately colored as a rose. They grow best in a rich, deep soil and sunny position. They are admired in all herbaceous borders, for planting among shrubbery, and are valued in beds or groups by themselves. Grow about 2 feet high, and flower in May and June.

It is possible that our assortment of varieties will be broken before the season passes; so if purchasers will name the color they are wanting, and give us permission to, we shall send along a color similar to the variety wanted without necessitating correspondence and delay.

PRICES OF NAMED VARIETIES OF PÆONIES: 25 cents each; $2.00 per 10.

The Cornflower Aster (Stokesia cyanea), whose rich blue flowers continue uninterruptedly from July to October. See description on opposite page.

AUGUST Meillez. Outside petals pale pink; inside, white or light yellow; free flowering.

Festiva alba. Creamy white; occasionally spotted.

General Bertrand. Semi-double. Lower petals pink; center creamy white.

Jeanne d'Arc. Rose; center sulphur yellow.

La Tulipe. Flesh pink, shaded to ivory white.

Ne Plus Ultra. Large, well formed, clear flesh pink.

Rosea superba. Rosy pink and extra large.

Queen Victoria. Late; white; creamy center.

SPECIAL OFFER OF PÆONIES. We have many named varieties of desirable color, that are not here listed. Good roots are 20 cents each; $1.75 per 10; $15.00 per 100.

Phlox

Familiar plants in old door-yards, that are valuable in all hardy borders. They grow in any soil, and range in height from 1 to 4 feet, and flower continuously from June until October. There is a wide range of colors among them. We offer an assortment of the most desirable shades.

PRICES of all Phlox, 15 cents each; $1.25 per 10; $10.00 per 100.

Athis. Deep pink.

Bacchante. Wine red.

Berauger. Shell pink.

Bridesmaid. White, large, crimson eye.

Coquilicot. Scarlet.

Mœhie. Bright carmine red.

Mrs. Jenkins. Best early white.

Selma. Salmon red.

Stella's Choice. Fine late white.

PHLOX sublata. Moss or Mountain Pink. A low-growing, half-creeping evergreen, that is buried in very early Spring beneath a multitude of little flowers. It is a splendid thing for a ground cover in barren places, for rockeries, graves and bedding.

var. alba. White.

var. rosea. Bright rose color.

PRICES of Phlox sublata: 15 cents each; $1.00 per 10; $8.00 per 100.

PHYSOSTEGIA Virginica. A splendid Summer-flowering perennial, with long spikes of showy, soft, pink flowers, valued for bouquets. 3 feet.

PLATYCODON grandiflora. Balloon Flower or Chinese Bellflower. Resembles the Campanula in appearance, and blooms continuously from June until October. Grows about 2 feet high. The flowers are 1 to 1½ inches across. Usually a deep blue, sometimes white.

POLYGONUM compactum. Knot Weed. A shrub-like plant of low habit, with handsome, reddish-green foliage, and myriads of small white flowers in panicles.

PRIMULA elatior. Oxlip. Low-growing, free-flowering, with yellow blossoms in early Spring.

PRIMULA veris. ENGLISH COWSLIP. A favorite, low-growing plant, whose flowers include a wide range of colors. We offer a fine strain.

PYRETHRUM hybridum. June. Flowers resemble asters, and vary in color from white to shades of pink, red and purple. Feathery foliage; 3 to 4 feet.

RUDBECKIA. GOLDEN GLOW. From July to September, the tall, swaying stems are aglow with golden-yellow dahlia-like flowers.

R. Newmani. All Summer this plant, that grows about 3 feet high, is covered with large, orange-yellow, daisy-shaped flowers of great attractiveness. They are fine for cutting. A splendid border plant.

SALVIA azure. MEADOW SAGE. A Rocky Mountain species that grows about 3 feet high and produces an abundance of sky-blue flowers in late Summer.

SAPONARIA caucasica flore pleno. BOUNCING BET. White flowers all Summer and Fall. Will grow among cinders and the poorest soils, where little else will endure.

SEDUM Acre. STONECROP OR LOVE TANGLE. A low, green carpet plant, that is splendid for rockeries, wall gardens, covering graves, etc. 10 cents each; 75 cents per 10; $6.00 per 100.

S. spectabilis. BRILLIANT STONECROP. A short, stocky plant, with broad, oval, grayish-green leaves, and flat terminal clusters of rose-colored flowers in late Summer and Autumn.

SOLIDAGO Canadensis. GOLDEN ROD. A well-known native plant, of much decorative value, that grows from 4 to 5 feet in height, and bears spikes of golden-yellow flowers from July until frost.

STOKESIA cyanea. CORNFLOWER ASTER. A most desirable perennial, that, from July to October, bears a continual succession of large, double blue flowers. It grows 18 to 24 inches high, and should be in every garden of "old-fashioned flowers."

TUNICA saxifraga. A low border or rockery plant, with fine, delicate foliage. It bears minute pinkish-white flowers all Summer.

VERONICA spicata. SPEEDWELL. Continuously through the Summer this plant, about 18 inches high, produces spikes of bright blue flowers.

HARDY FRUITS

APPLES

Strong selected trees: 50 cents each; $4.00 per 10; $30.00 per 100.

Early Apples

Early Harvest (Yellow Harvest). Yellow, tender and of fine flavor.

Fourth of July. Medium size; white, yellow and red striped; flesh white.

Red Astrachan. Very early; crimson, streaked with yellow; juicy.

Williams' Early Red (Williams' Favorite). Large, oblong, red, rich and excellent; a good bearer.

Yellow Transparent. Pale yellow when ripe; flesh tender, juicy and good.

Autumn Apples

Autumn Strawberry. Medium size; striped with red; flesh white, tender and juicy; bears when quite young.

Fameuse (Snow Apple). Deep crimson; flesh snowy white.

Fall Pippin. Large; yellow; rich and delicious. Good bearer.

Gravenstein. Large; yellow, striped with red; among the best.

Maiden Blush. Yellow, with red cheek; fine for cooking.

Oldenburg (Duchess of Oldenburg). Streaked with red and yellow; tender and juicy; good for cooking.

Smokehouse. Crisp and juicy; a good eating variety.

Wealthy. White, yellow and red stripe; flesh white.

Winter Apples

American Golden Russet (Sheepnose). Highly flavored and spicy. Profuse bearer and good keeper.

Bismarck. Yellow; flesh tender. Bears when young, and is very hardy.

Baldwin. Large, deep red; productive and desirable.

Bellefleur. Large; yellow, with red cheek; juicy and splendid for eating.

Ben Davis (New York Pippin). Bright red and juicy; valued for commercial purposes.

Greening (Rhode Island). Large; greenish-yellow; rich and tender. A constant bearer.

Grimes' Golden. Fine grained and rich flavor.

Jonathan. Yellow and red striped; flesh white.

King of Tompkins County. Large, red, productive, and good for cooking or eating.

McIntosh. Yellow, streaked crimson; tender and juicy.

Nero. Red; very productive.

Northern Spy. Pale yellow, striped with red. Good keeper, and a splendid apple of excellent flavor.

Rome Beauty. Yellow and red striped; flesh yellow, crisp, sub-acid. Good bearer.

Seek-no-Further (Westfield). Tender and of rich flavor; medium size.

Smith's Cider. Popular, late-keeping red Apple; prolific bearer.

Stamen Winesap. Larger and more prolific than the common Winesap.

Winesap. A fine red Winter Apple that is productive.

York Imperial. Large, red Apple, of agreeable flavor.

Dwarf Apples

Their habit adapts them particularly for small yards and limited areas. Their fruit is similar in quality to the standard sorts. They commence bearing much younger.

50 cents each; $4.00 per 10

Baldwin
Duchess of Oldenburg
Gravenstein
McIntosh
Northern Spy
Red Astrachan
Wealthy
Yellow Transparent

Crab Apples

50 cents each; $4.00 per 10

Hyslop. Beautiful in flower; large, dark crimson fruit.

Martha. Yellow, shaded with red; a prolific bearer.

Transcendent. September. Large, yellow and red; productive.

Yellow Siberian (Golden Beauty). Small; golden yellow. September.

Apricots

50 cents each; $4.00 per 10

Harris. Large, golden-yellow fruits; early in July.

Moorpark. First of August. Firm, juicy; fruit of darker color than the above.

Nicholas. Agreeable flavor; prolific bearer. July.

CHERRIES

Strong, selected trees: 60 cents each; $5.00 per 10; $40.00 per 100.

Black Eagle. Large; black; tender and highly flavored.

Black Tartarian. Big, dark red or black cherry of splendid flavor.

Downer's Late Red. Sweet and delicious. Not liable to rot in wet weather.

Early Richmond. A very productive pie or sour cherry, that is prized for cooking and preserving.

English Morello. A late red, sour variety, that is valued for culinary purposes.

Governor Wood. Large, white cherry, shaded with red; sweet and delicious.

Mercer. Dark red; sweet; good shipper, and not liable to be wormy.

Montmorency. Large, red, tart fruit; very prolific and desirable.

Napoleon. A large, sweet, white cherry, with red cheeks.

Schmidt's Bigarreau. Large, dark color; fine, rich flavor.

Windsor. Large, dark red; late and sweet.

Yellow Spanish. Yellow, with red cheek; firm, juicy and delicious.

Mulberries

New American. A broad, bushy-headed tree, that is an improved form of our common native Mulberry. The black fruits are borne profusely and are very sweet.

	Each	10
5 to 6 ft.	$0 75	$5 00

MULBERRIES—Continued

Downing's Everbearing. This variety has very large leaves, that are quite ornamental. The fruit is large, black and rich in flavor.

	Each	10
6 to 8 ft.	$0 75	$5 00

Russian. Bears enormous crops of small, black fruits, that attract many birds.

	Each	10
10 to 12 ft., 2 to 3 in. cal.	$2 00	$15 00

Nectarines

50 cents each; $4.00 per 10

Downton. White, with red cheek; highly flavored.

PEACHES

25 cents each; $2.00 per 10; $15.00 per 100

Alexander. July and August. Greenish-white, spotted with deep red; firm, sweet and juicy; clingstone; very productive.

Belle of Georgia. August and September. Freestone; white; excellent flavor.

Chairs' Choice. August. Yellow; good quality; freestone.

Champion. August. Firm; white freestone Peach, that is rich, sweet and juicy.

Crawford's Early. August and September. A large, yellow Peach of splendid quality; strong grower and prolific fruiter.

Crawford's Late. Last of September. Large, yellow freestone. Peach of best quality. A prolific bearer, and a most popular variety.

Crosby. September. Medium-sized; yellow, with streaks of carmine; of good quality, and hardiest variety known.

Elberta. September. A very large, yellow, freestone Peach; rich, sweet and juicy. A vigorous grower, and splendid sort for eating or preserving.

Fox Seedling. September. Reliable freestone; good bearing and market variety.

Globe. October. Large, golden-yellow, with red cheek; sweet and luscious flavor; a desirable freestone variety.

Mountain Rose. August. Large, red, freestone Peach, with white flesh. Rich, juicy and sweet. One of the best early varieties.

Morris White. September. Firm, medium size, white, sweet and juicy.

Oldmixon Free. September. Large; yellowish-white; freestone; of excellent flavor and productive.

Reeves' Favorite. September. Large; yellow, with fine red cheek; delicious; juicy; splendid sort.

Stephen's Rareripe. September. Large, handsome white Peach, of finest quality; a regular bearer.

Stump the World. September. Large freestone; white, with red cheek; firm, juicy and excellent quality.

White Heath. Cling. Last of September. Greenish white; luscious flavor.

PEARS

Strong, selected trees: 50 cents each; $4.00 per 10; $35.00 per 100.

Summer Pears

Bartlett. September. A popular variety, with large, yellow fruit; sweet and juicy. Excellent for eating or preserving; prolific bearer; strong grower.

SUMMER PEARS—Continued

Clapp's Favorite. September. Large; pale yellow, with crimson cheek; fruit fine-grained, and good for eating. Should be picked early and ripened indoors.

Koonce. July. Yellow fruit; good quality.

Manning's Elizabeth. August. Medium size, excellent flavor, and very productive.

Osband's Summer. August. Medium-sized; yellow, with reddish-brown cheek.

Wilder. August and September. Yellow; fine-grained, and probably the best early market variety.

Autumn Pears

Beurre d'Anjou. Late October. Large; russet-yellow; excellent flavor, and a prolific bearer.

Beurre Bosc. September and October. Large; russet; highly flavored and delicious.

Flemish Beauty. September and October. Large; greenish-yellow; sweet and juicy.

Louise Bonne de Jersey. Late September. Large; yellow, with dark red cheek; good-tasted.

Seckel. September and October. A little brown Pear, exceptionally sweet and juicy.

Sheldon. October. Large; russet and red; rich, melting and juicy; fine flavor.

Worden-Seckel. September and October. Resembles the old-fashioned Seckel Pear; is equally good and larger.

Winter Pears

Beurre Clairgeau. September. Large; yellow, shaded with crimson; juicy and sweet-flavored.

Duchess de Bordeaux. Large; yellow, with russet cheek; sweet and good keeper.

Kieffer. Very vigorous and productive, even when young; fruit large and yellow; a good keeper.

Lawrence. November. Rather large, yellow Pear, of splendid, rich flavor.

Dwarf Pears

50 cents each; $4.00 per 10

Bartlett. September. Familiar, large, yellow Pear, that is splendid for cooking or eating.

Beurre d'Anjou. Late October. Large; russet-yellow; excellent flavor.

Duchess d'Angouleme. October. Large, greenish-yellow Pear; rich and juicy; desirable sort.

Louise Bonne de Jersey. October. Large; greenish-yellow, with red cheek; juicy; good-tasted.

Seckel. September and October. A little brown Pear, exceptionally sweet and juicy; delicious for eating.

Persimmons

50 cents each; $4.00 per 10

American. Our native species, which bears so abundantly.

Plums

40 cents each; $3.50 per 10; $30.00 per 100

Bradshaw. August. Large; red; valuable for market.

German Prune. September. Dark purple; agreeable flavor, and valued for drying.

Gueii. Late August. Large, blue fruit; flesh yellow, sweet and pleasant; good freestone variety.

Imperial Gage. Middle of August. Good size; freestone; greenish in color; sweet and juicy.

Lombard. Last of August. Violet-red; yellow flesh; agreeable flavor; vigorous and bountiful fruiter.

Reine Claude (Bavay's Green Gage). Late September. Greenish, with red cheek; yellow, juicy flesh.

Shippers' Pride. Large; bluish purple; good-tasted, and valuable commercial sort.

Shropshire Damson. Last of September. Medium-sized; dark purple; valued for preserving.

Yellow Gage. August. Medium-sized; yellow, rich and juicy.

Japan Plums

Abundance. August. Large; red-yellow flesh, sweet and rich; valued for cooking and eating.

Burbank. August. Good-sized; red; valuable domestic sort. Flesh sweet, rich and yellow.

October Purple (Purple Egg). Large; purple; flesh yellow and sweet.

Satsuma. August. Good quality; vigorous habit; purple and red.

Wickson. September. Dark red; good size; agreeable flavor; very productive.

Quinces

50 cents each; $4.00 per 10; $35.00 per 100

Champion. October. Large and productive; splendid for cooking, and a good keeper.

Meeches' Prolific. Productive; large; yellow, and one of the best for domestic purposes.

Orange, or Apple. September. Large, handsome fruit of good quality. A popular sort.

Reas Mammoth. Large and productive; by many considered the best in cultivation.

SMALL FRUITS

Blackberries

50 cents per 10; $3.00 per 100

Eldorado. Sweet, melting and rich; good bearer.

Erie. Early, hardy and productive; large, sweet fruit, of excellent quality.

Lawton. A productive, good variety.

Rathbun. Heavy bearer; extra large; of good quality.

Snyder. Berries medium-sized, sweet and good; wonderfully productive.

Currants

$1.00 per 10; $7.00 per 100

Black Naples. A black-fruited variety; excellent for jellies.

Cherry. Large; scarlet; of excellent quality; productive.

Fay's Prolific. Large; deep red; good commercial variety.

Pamona. Bright red; good keeper; few seeds; nice quality.

Versailles. Large, red, and of excellent quality; fine bunches.

White Grape. White; sweet and good for table use.

Dewberry

50 cents per 10; $2.00 per 100

Lucretia. A trailing vine, whose berries are similar, but sweeter than a Blackberry.

Gooseberries

$1.50 per 10; $12.00 per 100

Chautauqua. Large; pale green and desirable.

Downing. Very large; whitish green; excellent for domestic use.

Industry. Dark red; excellent sort; very productive.

Smith's Improved. Yellow, sweet and good.

Grapes

Strong 2-year vines: 15 cents each; $1.25 per 10; $10.00 per 100.

Agawan. Red; large, sweet and desirable.

Brighton. Fine-tasted; excellent quality; red variety.

Catawba. Late; red; medium-sized; productive; sweet variety.

Concord. Blue; familiar sort, that produces large bunches of berries of delicious flavor.

Delaware. Red; small, compact bunches of delicious fruit.

Moore's Early. Black; very early; in other respects similar to Concord.

Niagara. White; large; compact bunches; sweet, delicious flavor.

Pockington. White; large clusters; big fruit.

Wilder. Black; large bunches; berries sweet and tender.

Worden. Black; large clusters; big grapes; sweet, agreeable flavor.

Raspberries

75 cents per 10; $4.00 per 100

Cuthbert. Late red; large, firm, sweet and luscious.

RASPBERRIES—Continued

Gregg. Large; early black variety, of splendid quality.

Loudon. A moderately early red sort, with fruit of excellent quality.

Marlboro. Handsome red berry, of good quality.

Strawberries

$1.50 per 100; $6.00 per 1000

Early

***Crescent.** Very productive and stands hardships; smaller fruit of fair quality.

Early Hathaway. New. Large fruit, of good quality.

Marshall. Large and early.

Midsummer

***Bubach.** Very large and productive; quality fair.

Clyde. Very fruitful, small berry; bright red in color, and very showy.

McKinley. Large, firm, sweet, and desirable new sort.

***Sample.** Good quality; large berry; valuable for extending the season.

***Warfield.** Enormously productive; medium-sized; good quality.

Late

Aroma. Popular; large; excellent quality.

Brandywine. Reliable, medium-sized, sweet berry.

Gandy. Popular late sort, of desirable qualities. Is very profitable in some sections.

***Haverland.** Firm berry, of good quality.

Nick Ohmer. A fine sort, with large berries of delicious flavor.

*Varieties with imperfect flowers, that should be planted near perfect varieties.

VEGETABLE ROOTS AND PLANTS

Asparagus

Strong 2-year roots: $1.00 per 100; $6.00 per 1000

Barr's Mammoth. Large, green variety, that is a strong grower; splendid market sort.

Columbian Mammoth. A vigorous grower, of excellent quality, with white shoots.

Conover's Colossal. Mammoth shoots of quick and vigorous growth. A profitable market variety.

Palmetto. Claimed to be better than Conover's Colossal, as it yields a heavier crop, that is equally desirable.

HOP VINES. 15 cents each; $1.00 per 10.

HORSERADISH. 25 cents per 10; $1.00 per 100; $6.00 per 1,000.

RHUBARB, or PIE PLANT. 75 cents per 10; $5.00 per 100.

NUTS

CHESTNUT, **Paragon.** Large nuts, of good quality; prolific bearer.

Each	10
$2 00	$17 50

FILBERT. American Hazelnut.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

English. Nuts large and of good flavor.

	Each	10
3 to 4 ft.	$0 50	$3 50

Improved Varieties. Fruit larger and of better quality.

	Each	10	100
3 to 4 ft.	$0 75	$5 00	$40 00
4 to 5 ft.	1 00	7 50	60 00

WHITE WALNUT, or Butternut.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.	$1 50	$12 50	$90 00

Walnut, Black. Well-known native; a grand tree, which is very ornamental; useful for the abundance of nuts that it bears.

	Each	10
8 to 10 ft.	$1 50	$12 50

English. Thin-shelled variety, which is sold at the fruit-stands.

	Each	10
3 to 4 ft.	$0 60	$5 00
5 to 7 ft.	1 00	8 00

Japan; syn. Sieboldii. Sweet; thin shell.

	Each	10
10 to 12 ft., 2 to 2½ in. cal.	$2 00	$17 50

var. cordifolius. Sweet and equally as desirable as the above. Nut fatter in appearance.

	Each
5 to 6 ft.	$0 75

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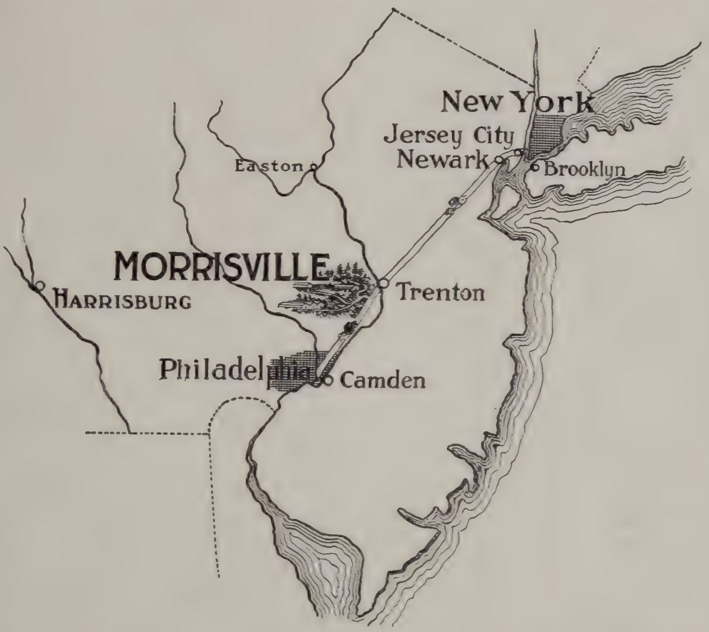

We Want All Who Can to Visit Our Nurseries

THIS Catalogue cannot accurately describe the quality and extent of our stock. It is impossible for it to give more than a suggestion of the delicacy of color, grace and beauty of form, or fragrance of flowers. Our Nurseries must be inspected to fully appreciate these qualities. They are open every day excepting the Sabbath, and we want every one who can to visit them, and to make such selections of plants as they may desire.

Location

Our Nurseries are located near Morrisville, Bucks County, Pa., across the Delaware River from Trenton, N. J. They are quickly accessible from New York or Philadelphia by express trains to Trenton, N. J., over either the Pennsylvania or Reading Railroads. Carriages may be secured at the depots, or suburban trolleys at Warren and Hanover Streets. All trolleys for Yardley, Pa., pass our Nurseries, located one and one-half miles distant from the trolley terminus in Trenton.

The popular automobile route from New York to Philadelphia passes within one-fourth mile of our place. Those who can would enjoy this means of visiting us.

THE WM. H. MOON COMPANY

GLENWOOD NURSERIES
MORRISVILLE, PENNSYLVANIA
PHILADELPHIA OFFICE, 616 STEPHEN GIRARD BUILDING

MOON'S
Hardy Trees and Plants

for every place and purpose

1911

THE WM. H. MOON CO.
MORRISVILLE, PENNSYLVANIA
Philadelphia Office
616 Stephen Girard Building

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THE WM. H. MOON COMPANY is a corporation engaged in supplying trees and shrubbery for landscape decoration. Thirty-nine years ago we started in a modest way, and gradually, but persistently have built up a business reaching into every state in the Union.

The title of this catalogue "Hardy Trees and Plants for Every Place and Purpose" is justified by the extensive collection of 2,000 different varieties to be found in our nurseries. These range in size from little seedlings of a few months' growth to well developed specimens, twenty-five years in age. The larger and older grades will give, immediately, the results you ordinarily wait years to obtain.

Our aim has been, and is, to grow trees and shrubbery as well as they can be grown. This, and the fact that we realize that our interests are best served by serving our patrons' interests, has enabled us to build this business to its present size and efficiency.

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The Wm. H. Moon Company

Glenwood Nurseries

PHILADELPHIA OFFICE
21 South Twelfth Street

MORRISVILLE, PA.

James M. Moon, President
Henry W. Comfort, Vice-President
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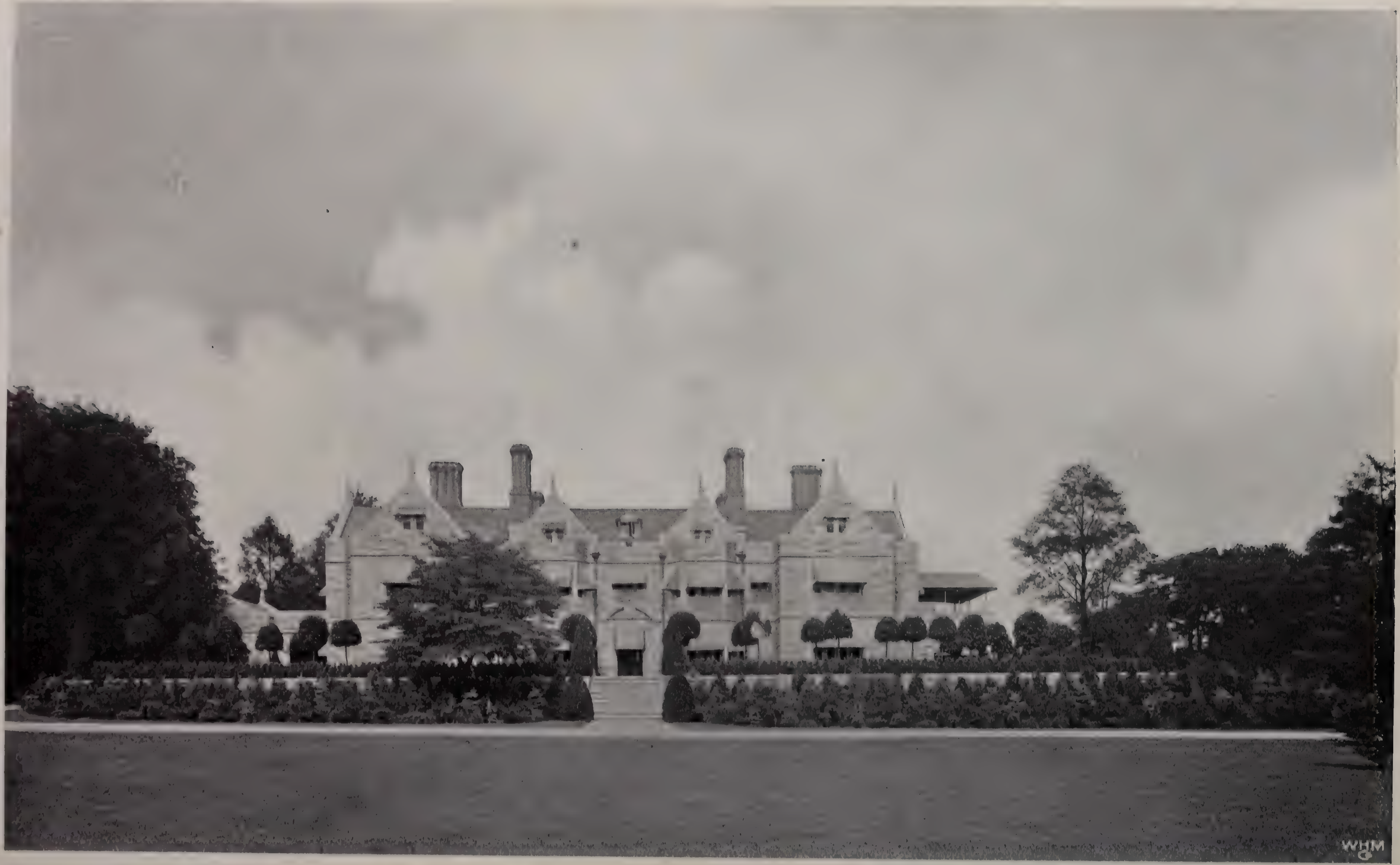


MOON'S EVERGREENS AND THE QUICK RESULTS THEY PRODUCE. PLANTED IN APRIL, 1910; PHOTOGRAPHED IN JUNE.
NOTE ESPECIALLY THE HEDGE OF GOLDEN RETINOSPORA ON TOP OF THE TERRACE.

A lawn grouping of our large-sized Spruces, Pines and Retinosporas.

EVERGREENS are our great specialty. The soil in our nurseries is splendidly suited to their growth, making possible the production of the best root systems, which minimizes the likelihood of loss from transplanting.

Evergreens are much desired for specimen lawn trees; they are also extensively used for massing, shelter-belts, screens, hedges, etc., while the taller varieties form perfect backgrounds for the showy flowering shrubs and trees of early Spring, the berries of Autumn, the bright bark and twigs of Winter, or the light green, golden or silver-blue growths of smaller evergreens.

Besides the smaller grades, we have hundreds of large, handsome specimens, 12 to 20 feet high, which we have been years in raising. These will give at once the results purchasers would otherwise be a long while in obtaining.

Varieties marked (L) usually attain at maturity a height of 60 feet or over. (M) signifies from 30 to 60 feet. (S) from 10 to 30 feet. (D) 4 to 10 feet. (VD) below 4 feet.

ABIES. THE FIRS

THE Firs are mostly quick-growing, hardy evergreens that are useful in producing natural and wooded effects, as well as in the more attractive decorations of parks and lawns. They mature rapidly, and on this account are valuable for planting in connection with slow-growing, long-lived trees, because they give the prompt effect and are ready to give place to the slow-growing, permanent trees when they mature. The soft, deep green needles of most varieties are fragrant with balsamic odors. Much used for grouping, specimens, wind-breaks and hedging.

Balsam Fir. ABIES BALSAMEA. (M) An ornamental native of our forests that is very hardy; has dark green needles of pleasant fragrance; grows rapidly when young, and does well in moist soils.

	Each	10
2 to 3 ft.	$1 25	$10 00
3 to 4 ft.	2 00	17 50

Abies Canadensis. HEMLOCK SPRUCE. (See Tsuga Canadensis, page 15).

Cephalonian Fir. ABIES CEPHALONICA. (M) Grecian tree, similar to Nordman's Fir.

	Each
2 to 3 ft.	$2 00
6 to 8 ft. specimens	$15 00 to 30 00

Appolone's Fir, VAR. APPOLONIS. (M) Also similar to Nordman's Fir.

	Each
6 to 12 ft. specimens	$15 00 to $35 00

Cilician Fir. ABIES CILICICA. (M)

	Each
3 to 4 ft.	$3 00

White Fir. ABIES CONCOLOR. (L) It grows rapidly and forms grand specimens. The needles are large and stiff and usually of a silvery glaucous color.

	Each	10
2 to 2½ ft.	$2 00	$17 50
2½ to 3 ft.	2 50	
4 to 5 ft.	5 00	

var. Alligina. (L) An improved variety of the White Fir.

	Each
2 to 2½ ft.	$2 50

Abies excelsa. NORWAY SPRUCE. (See Picea excelsa, page 7).

Japanese Silver Fir. ABIES FIRMA. (M) Odd and rare. Dark lustrous needles.

	Each
10 to 14 ft.	$10 00 to $12 00

No cold, forbidding architectural lines here. They have all been softened by foliage, and Moon's did it.

DOUBLE BALSAM FIR. Abies Fraseri. (L) Similar to the well-known Balsam Fir, but of finer habit, with darker foliage and of longer life; quick growing; desirable.

	Each	10	100
2 to 3 ft.	$1 25	$10 00	$90 00
3 to 4 ft.	2 00	15 00	125 00
4 to 5 ft.	2 50	20 00	175 00

Noble Silver Fir. Abies nobilis glauca. (L)

	Each
2 to 3 ft.	$3 00
3 to 4 ft	4 00

Nordman's Fir

Abies Nordmaniana. (L) Thick, dense tree of fine proportions. Needles are wide, dark green and lustrous, with a silvery under-surface that sparkles in the sun. This is one of the prettiest and best evergreens that we offer. It is handsome as a specimen or for grouping.

	Each	10
2 to 2½ ft.	$2 50	$22 50

	Each
5 to 6 ft.	$6 00 to $10 00
6 to 8 ft.	10 00 to 15 00
8 to 10 ft.	15 00 to 20 00
10 to 12 ft.	20 00 to 30 00

European Silver Fir. Abies pectinata. (L) Of rapid growth and upright habit. Admired for the glossy dark green needles that are silvery white beneath.

	Each
6 to 8 ft.	$5 00 to $7 50
8 to 10 ft.	7 50 to 10 00

Veitch's Silver Fir. Abies Veitchii. (L) A magnificent tree of splendid habit. The needles are dark lustrous green above and silvery white beneath. Hardy and a good grower.

	Each
2 to 2½ ft.	$2 00
3 to 3½ ft.	3 50
6 to 8 ft.	$7 50 to 10 00

Biotas, or Chinese Arborvitæ

These Arborvitæs, introduced from the Orient, have proven to be strong growers and handsome specimens. North of New York City they should be planted in sheltered places.

Chinese Arborvitæ. Biota Orientalis. (S) Deep green, soft feathery foliage and pyramidal habit.

	Each	10	100
3 to 4 ft.	$1 00	$7 50	$65 00
4 to 5 ft.	1 25	10 00	80 00

Golden Chinese Arborvitæ, var. aurea. (D) A dense, compact dwarf variety.

	Each	10
1½ to 2 ft.	$1 75	$15 00
2 to 2½ ft.	2 00	17 50

Berckman's Golden Arborvitæ, var. aurea nana. (D) Splendid dwarf golden sort.

	Each	10
1¼ to 1½ ft.	$1 50	$12 50

Rollinson's Golden Arborvitæ, var. elegantissima. (S) A golden pyramidal form, of splendid habit and beauty.

	Each	10
2 to 2½ ft.	$2 00	$17 50
2½ to 3 ft.	2 50	22 50

Ever Golden Chinese Arborvitæ, var. semperaurescens. (D) Dwarf compact habit.

	Each	10
1½ to 2 ft.	$2 00	$17 50
2 to 2½ ft.	2 50	22 50

Cedrus. Cedars

These are the true Cedars. They are not entirely hardy north of Philadelphia, excepting in sheltered positions. They grow into beautiful trees, and where possible, we recommend their more general use.

Mt. Atlas Cedar. Cedrus Atlantica. (S) Needles somewhat resemble a Larch.

	Each	10
3 to 4 ft.	$1 50	$12 50

Mt. Atlas Silver Cedar, VAR. GLAUCA. (S) Similar to above, with very attractive, light bluish foliage.

	Each
2 to 3 ft.	$1 50
3 to 4 ft.	2 00

Cedar of Lebanon. CEDRUS LIBANI. (M).

	Each
1½ to 2 ft.	$1 00

Cephalotaxus. Oriental Yews

Low-growing evergreens, with dark lustrous green foliage. Hardy north of Philadelphia in sheltered places only.

Large-Fruited Yew. CEPHALOTAXUS DRUPACEA. (D) Forms a round, compact tree, that seldom reaches over 8 feet.

	Each
1½ to 2 ft.	$2 00

Chinese Yew. CEPHALOTAXUS FORTUNEI. (M) More erect than the above.

	Each
2 to 2½ ft.	$2 00
4 to 6 ft.	$5 00 to 8 00

Cupressus. Cypress

Lawson's Cypress. CUPRESSUS LAWSONIANA. (S) Drooping branches, soft, dark green foliage. Splendid for Southern use.

	Each	10
2 to 2½ ft.	$1 00	$7 50

Varieties of Cupressus

In addition to the above we have several distinct varieties of Cupressus, remarkable for their varied colors and delicate foliage.

	Each
2½ to 3 ft.	$3 00

JUNIPERUS. THE JUNIPERS AND CEDARS

A GROUP remarkable for the varied forms it embraces. Trees of medium height down to the smallest dwarfs are included here, while different green, yellow and silvery hues characterize the foliage. Junipers possess remarkable vigor, and thrive in bleak and barren situations; in poor, stony soils; in low, damp grounds; at the seashore, or almost anywhere. Junipers are more difficult to transplant than some other evergreens; early Spring is preferable. The columnar forms are valued for formal effects, or to break the monotonous outline of other trees; the trailing ones for rocky slopes and sandbanks. Also used in groups, borders and for individual planting.

Juniperus Canadensis. (VD) Spreading, open habit. Glaucous green foliage.

	Each
1½ to 2 ft.	$1 50

Douglas Dwarf Golden Juniper

J. Canadensis, var. aurea; syn. Douglasii. (VD) A low, spreading form, with golden yellow foliage, that turns a beautiful bronze in Winter. It is very showy as an edging, and beautiful in groups and rockeries, or wherever a hardy little golden evergreen is needed.

	Each	10	100
¾ to 1 ft.	$0 50	$4 00	$35 00
1 to 1½ ft. x 15 to 24 in.,	1 50	12 50	110 00
1½ to 2 ft. x 18 to 24 in.	2 00	17 50	

J. Chinensis. (D) Erect, attractive habit.

	Each	10
2½ to 3 ft.	$2 50	$22 50

Golden Chinese Juniper, VAR. AUREA. (D) Golden form of the above.

	Each
2 to 2½ ft.	$2 50
2½ to 3 ft.	3 00

Trailing Juniper, VAR. PROCUMBENS. (VD) Low, spreading form, well suited for natural and rock planting.

	Each	10	100
1 to 1½ ft.	$1 00	$7 50	$60 00
2 to 3 ft.	3 50		

Common Juniper. JUNIPERUS COMMUNIS. (M) Erect form, grayish-green foliage.

	Each	10
3 to 4 ft.	$1 75	$15 00

Irish Juniper, VAR. HIBERNICA. (S) A slender, columnar form, with glaucous green foliage.

	Each	10	100
1½ to 2 ft.	$0 75	$5 00	$35 00
2 to 2½ ft.	1 00	7 50	60 00
2½ to 3 ft.	1 50	12 50	100 00

Alpine Juniper, VAR. NANA; SYN. ALPINA. (VD) Trailing form.

	Each	10
1 to 1½ ft.	$1 00	$8 00

Why not plant Evergreens about your porch foundations? They are bright all the year. For this bed we also furnished Rhododendrons to enliven the planting with flowers in May, before the varied colors of the Evergreens reached their brightest Summer hues. Isn't a permanent planting, like this, better than the expensive beds of tender flowers that must be planted each Spring, and then pass away with the first frost to leave the ground bare and unsightly right at your front door for six months of the year.

Pyramidal Juniper, VAR. PYRAMIDALIS. (S) Similar in habit to the above, but a taller and more rapid grower; less dense, lighter color, and valued more for formal work; also for grouping with other evergreens, to contrast habit and color.

	Each	10	100
2 to 2½ ft.	$0 75	$5 00	$40 00
4 to 5 ft.	2 00	17 50	

Swedish Juniper, VAR. SUECICA. (S) Closely resembles the Irish Juniper.

	Each	10	100
1¼ to 1½ ft.	$1 00	$7 50	$60 00

White-Leaved Juniper. JUNIPERUS EXCELSA, VAR. STRICTA VARIEGATA. (S) A desirable variety of conical form, with grayish green foliage. An occasional branchlet tipped with white.

	Each	10
1½ to 2 ft.	$1 50	$12 50
2 to 2½ ft.	2 50	
3 to 4 ft.	5 00	

Japanese Juniper. JUNIPERUS JAPONICA. (D) A half-erect, half-prostrate form, with glaucous, light green foliage.

	Each	10
2 to 2½ ft.	$2 00	$17 50
2½ to 3 ft.	2 50	22 50
3 to 4 ft.	3 50	32 50

Golden Japanese Juniper, VAR. AUREA. (D)

1½ to 2 ft.	$2 00
Large, well-developed plants	12 50

J. Pfitzeriana. (D) A novelty of low growth and attractive green foliage.

	Each
2 to 2½ ft.	$1 50

SAVIN JUNIPER. JUNIPERUS SABINA. (VD) Another spreading form, with deep, dark green foliage. Very valuable for rockeries, grouping and borders, making a pleasant contrast to other low-growing trees.

	Each	10	100
1 to 1¼ ft.	$0 75	$6 00	$50 00
1¼ to 1½ ft.	1 00	7 50	65 00
1½ to 2 ft.	1 50	12 50	100 00

Tamarix-Leaved Juniper, VAR. TAMARISCIFOLIA. (D) A beautiful plant, with delicate, bluish-green foliage.

	Each	10
1¼ to 1½ ft.	$2 00	$17 50
1½ to 2 ft.	2 50	22 50
2½ to 3 ft.	3 50	
Low spreading specimens	5 00	

Waukegan Juniper, VAR. WAUKEGAN. (D) A native, low-growing form of spreading habit. Good for rockeries.

	Each
1¼ to 1½ ft.	$1 00

Juniperus Virginalis globosa.

	Each
1 to 1¼ ft.	$2 00

Red Cedar. JUNIPERUS VIRGINIANA. (M) The upright habit, the sombre hue of its foliage and the freedom with which it grows in unfertile places are valuable qualities.

	Each	10
2½ to 3 ft.	$1 50	$13 50
3 to 4 ft.	2 00	17 50

Golden Virginia Cedar, VAR. ELEGANTISSIMA. (M) An odd golden form of the above.

	Each	10
1½ to 2 ft.	$1 50	$13 50
2 to 3 ft.	2 00	
3 to 4 ft.	3 50	

Blue Virginia Cedar, VAR. GLAUCA. (M) Similar to the above. Beautiful blue, glaucous foliage.

	Each	10
2½ to 3 ft.	$2 00	$17 50
3 to 4 ft.	3 50	

var. Schotti. (D) Similar to Red Cedar, more bushy in habit.

	Each
3 to 4 ft.	$3 00

var. Triparta. (VD) A dwarf spreading form.

	Each
1½ to 2 ft.	$2 00

A box of small assorted Evergreens makes a lasting decoration for veranda or terrace.

PICEA. SPRUCES

PROBABLY better known and more largely planted than any other family of evergreens. The Spruces are hardy, rapid-growing, reliable in almost any location. They mature quickly, and live to a good old age. They make beautiful trees when planted individually, and in groups and collections they are just as effective.

White Spruce. PICEA ALBA. (L) Habit similar to the Norway Spruce, distinguished by its attractive grayish-blue color. A hardy species of quick growth, especially suited for coast and New England plantings.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$60 00
2 to 3 ft.	1 50	12 50	100 00
3 to 4 ft.	2 00	17 50	160 00
4 to 5 ft.	3 50	30 00	

Golden Spruce, VAR. AUREA. (S).

	Each
6 to 10 ft.	$10 00 to $15 00

var. coerulea. (M) Similar to the better known White Spruce.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$65 00

Dwarf White Spruce, VAR. NANA. (VD).

	Each
1¼ to 1½ ft.	$1 50

Alcock's Spruce. PICEA ALCOCKIANA. (M) Needles dark green above, silvery blue beneath.

	Each	10
2 to 2½ ft.	$2 00	$17 50

Engleman's Spruce. PICEA ENGLEMANII. (M) Similar to the familiar Blue Spruce.

	Each
3 to 4 ft.	$3 00 to $4 00

This Norway Spruce was photographed right after it was received from our nurseries and planted. Our trees are all low branched, full and symmetrically developed.

Norway Spruce

Picea excelsa. (L) This familiar Spruce is more generally used than any of the others. It is a rapid grower; does well in most soils, and withstands the bleak, cold winds of Winter. If left untrimmed, they spread out magnificently and make desirable specimens. They make splendid wind-breaks and shelter-belts. If planted as hedges and sheared, they become impenetrable and as good for this purpose as any evergreen. It is also the cheapest.

		Each	10	100
1½ to 2 ft.		$0 50	$3 50	$25 00
2 to 3 ft.		1 00	7 50	60 00
3 to 4 ft.	Especially fine and bushy.	1 50	12 50	100 00
4 to 5 ft.		2 00	17 50	150 00
5 to 6 ft.		4 00	35 00	300 00
6 to 7 ft.		6 00	50 00	400 00
7 to 8 ft.		7 50	70 00	600 00
8 to 10 ft.		10 00	90 00	

Larger trees 12 to 24 ft. high, $15.00 to $40.00 each.

Picea excelsa, var. conica. (D) Dwarf, cone-shaped form.

	Each	10
1½ to 2 ft.	$1 25	$10 00

Tiger Tail Spruce, VAR. ELATA. (D) Grotesque form, with long, slender, awkward branches.

	Each
5 to 7 ft.	$4 00

Gregory Spruce, VAR. GREGORIANA. (VD) Low, dense and compact form.

	Each	10
1 to 1¼ ft.	$1 25	$10 00
2 to 2½ ft.	4 00	

Inverted Spruce, VAR. INVERTA. (S) The lateral branches sprawl about in grotesque, contorted forms. Extremely odd.

		Each	10
2 to 2½ ft.	Unsually nice stock.	$2 00	$17 50
2½ to 3 ft.		2 50	22 50
4 to 5 ft.		4 00	35 0
		Each	
5 to 6 ft.		$5 00 to $6 00	
6 to 8 ft.		7 50 to 10 00	
8 to 10 ft.		10 00 to 15 00	

Maxwell Spruce, VAR. MAXWELLII. (VD) A low dwarf form.

	Each
1 to 1¼ ft. x 1½ ft.	$2 50

var. parviformis. (D) A dwarf Japanese form similar to Remont's Spruce.

	Each
2 to 3 ft.	$3 00

Pyramidal Spruce, VAR. PYRAMIDALIS. (M) Foliage similar to Picea excelsa. The narrow, erect habit suits it for individual and formal planting.

	Each	10	100
2 to 3 ft.	$1 50	$12 50	$100 00
3 to 4 ft.	3 00	25 00	

Remont's Spruce, VAR. REMONTII. (VD) Dwarf, compact variety; dark green foliage.

	Each
1 to 1¼ ft.	$1 25
1½ to 2 ft.	1 75

Eastern, or Oriental Spruce

Picea Orientalis. (S) Short, lustrous dark green needles of finer texture than those of the Norway Spruce, which it resembles. Its habit is symmetrical and compact, forming a shapely, pyramidal tree. It is hardy, and one of our best evergreens for groups and specimens. It should be more generally planted.

		Each	10	100
1½ to 2 ft.		$1 50	$12 50	$100 00
2 to 2½ ft.	Splendid stock.	2 00	17 50	150 00
2½ to 3 ft.		2 50	22 50	200 00
3 to 3½ ft.		3 00	27 50	250 00
3½ to 4 ft.		3 50	32 50	300 00
4 to 5 ft.		5 00	45 00	400 00
		Each		
5 to 6 ft.		$6 00 to $7 50		
6 to 8 ft.		7 50 to 12 00		

Picea Polita. (M) Rigid, spiny needles. Desirable for individual planting.

	Each
2 to 3 ft.	$2 50

COLORADO SPRUCE. Picea pungens. (M) The original form of the now famous Colorado Blue Spruce. The foliage of this tree is occasionally quite blue, but mostly a light green. It is a strong, hardy grower in almost any soil, and makes an ornamental tree of great beauty.

	Each	10	100
1½ to 2 ft.	$1 50	$12 50	$100 00
2 to 2½ ft.	2 00	17 50	150 00
2½ to 3 ft.	2 50	22 50	200 00
3 to 4 ft.	4 00	35 00	

	Each
4 to 5 ft.	$4 00 to $6 00
5 to 6 ft.	7 50 to 10 00
6 to 8 ft.	10 00 to 20 00

Blue Colorado Spruce, var. glauca. (M) The familiar Blue Spruce.

	Each
4 to 6 ft.	$12 50 to $18 00

Koster's Blue Spruce, var. Kosteriana. (M) An improved strain of Blue Spruce. A striking light blue in color, that makes this one of the finest evergreens in cultivation; for individual planting and for color effect, nothing equals it.

	Each	10
1½ to 2 ft.	$2 50	$22 50
2 to 2½ ft.	3 00	27 50
3 to 3½ ft.	7 50	70 00
3½ to 4 ft.	10 00	90 00
4 to 5 ft.	15 00	135 00

	Each
5 to 6 ft.	$20 00 to $25 00

PINUS. THE PINES

THE Pines endure a wide range of climatic conditions. They are natives of lowlands and mountainous regions, and withstand well the cold, bleak winds to which they are subjected. They are mostly of upright habit, growing rapidly, and not particular as to soil. Pines are very ornamental and useful on lawns and public grounds. They are so diverse in character that species may be selected for even the smallest areas as well as for vast estates. In groups, shelter-belts, or as tall screens, their value is highly appreciated.

Austrian Pine

Pinus Austrica. (L) A tall, massive tree, with spreading branches, heavily plumed with long, stiff, dark green needles. A useful species along the coast, and grows equally well inland. Popular for groupings or as specimens One of the best.

	Each	10	100
2 to 2½ ft.	$1 50	$12 50	$110 00
2½ to 3 ft.	2 00	17 50	
4 to 5 ft.	5 00	45 00	400 00
5 to 6 ft.	7 50	60 00	550 00
6 to 7 ft.	10 00	90 00	

	Each
7 to 8 ft.	$10 00 to $12 50

Scotch Pine.

Austrian Pine.

White Pine.

The way our $5.00 Pines look right after planting.

Swiss Stone Pine. PINUS CEMBRA. (S) A hardy, slow-growing tree, of distinct conical habit. Grayish-blue needles.

	Each	10
1¼ to 1½ ft.	$1 50	$12 50
1½ to 2 ft.	2 00	17 50
2 to 2½ ft.	2 50	22 50
2½ to 3 ft.	3 00	27 50

Bhotan or Himalayan Pine. PINUS EXCELSA. (L) The long needles are light green and droop in graceful fringes from slender branches. It rapidly becomes a tall tree, and is very attractive when given room to develop.

	Each	10	100
3 to 4 ft.	$2 00	$17 50	$150 00
4 to 5 ft.	2 50	22 50	200 00
5 to 6 ft.	3 50	32 50	
		Each	
10 to 12 ft.		$15 00 to $20 00	

Red or Norway Pine. PINUS RESINOSA. (L) A very ornamental, hardy Pine, with olive-green needles. Makes a splendid tree, and should be more generally used.

	Each	10
2 to 3 ft.	$2 00	$17 50
3 to 4 ft.	2 50	22 50
	Each	
5 to 7 ft.	$5 00 to $7 50	

Pitch Pine. PINUS RIGIDA. (M) A very rapid grower and splendidly suited for poor soils; seashore planting and windy places. Needles stiff and dark green.

	Each	10
2½ to 3 ft.	$1 50	$12 50
3 to 3½ ft.	2 00	15 00
5 to 6 ft.	3 00	
6 to 8 ft.	5 00	

Moon's nursery products are used extensively on this estate. Recently planted Pines and Hemlocks border the woods.

Corsican Pine. PINUS LARICIO. (L) Rapid grower with stout spreading branches. Resembles Austrian Pine.

	Each	10
2 to 2½ ft.	$1 25	$10 00
2½ to 3 ft.	1 50	12 50

MUGHO PINE. PINUS MUGHUS. (D) Forms a low, dark, dome-shaped plant. Suitable for lawn specimens or evergreen groups, terraces and rockeries.

	Each	10	100
1 to 1½ ft.	$1 25	$10 00	$90 00
2 ft., broad and bushy	2 50	22 50	

Bull Pine. PINUS PONDEROSA. (L) A large, rapid-growing tree, with long, greenish-white needles and irregular habit.

	Each	10
2 to 3 ft.	$1 50	$12 50
3 to 4 ft.	2 00	17 50

White Pine

Pinus Strobus. (L) A grand old favorite, that grows quickly and makes a most useful and beautiful ornamental tree. It withstands hardships, endures sandy soils and barren places. For specimen, group or mass planting, it is extensively used as well as for shade and shelter-belts. The needles are soft and bluish-green. See illustration on opposite page.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$60 00
2 to 2½ ft.	1 25	10 00	75 00
2½ to 3 ft.	1 50	12 50	100 00
3 to 4 ft.	2 50	20 00	
4 to 5 ft.	3 50	30 00	250 00
5 to 6 ft. } Especially fine and bushy.	5 00	42 50	375 00
6 to 7 ft. }	6 00	55 00	500 00
7 to 8 ft.	7 50	60 00	
		Each	
8 to 10 ft.		$8 00 to $10 00	

Five or more plants of any one variety at price per 10; 25 or more at price per 100

Scotch Pine

Pinus Sylvestris. (M) A strong grower, with spreading branches and short, stiff, bluish-green needles. Its rapid growth makes it suited for temporary effects, though it is by no means to be despised for permanent ones. Splendid for mass plantings, screens, shelter-belts and seashore use. See illustration on page 8.

		Each	10	100
2 to 2½ ft.		$1 00	$7 50	$60 00
2½ to 3 ft.		1 25	10 00	75 00
4 to 5 ft.	Unusually bushy and nice.	2 50	22 50	200 00
5 to 6 ft.		3 50	30 00	275 00
6 to 7 ft.		4 00	35 00	300 00
7 to 8 ft.		5 00	45 00	400 00
8 to 10 ft.		7 50	70 00	600 00

Douglas Spruce

Pseudotsuga Douglasii. (L) Looks like a Spruce, but botanically different. The habit is regular and symmetrical; very hardy and suited for almost any purpose. The needles are soft and dark green, though sometimes glaucous.

	Each	10	100
1½ to 2 ft.	$0 75	$5 00	$40 00
2 to 2½ ft.	1 50	12 50	100 00
2½ to 3 ft.	2 00	15 00	125 00
3 to 4 ft.	2 50	20 00	

Blue Douglas Spruce, VAR. GLAUCA. (M).

	Each
3 to 4 ft.	$3 50

RETINOSPORA

SOMETIMES called Japan Cypress, and known botanically as Chamæcyparis. This group is unusually attractive because of the remarkable brightness, delicacy and variety shown in its foliage tints, and because of the pleasing feathery effect of some varieties, affording a very desirable contrast in groups of evergreens. The species generally are of pyramidal habit, vigorous growers that thrive in most soils, and seldom attain a greater height than 40 feet. Their coloring is constant and attractive at all seasons. They are useful in all ornamental plantings, and particularly well suited for color contrasts, grouping, formal effects, window-boxes, vases and hedges. Occasional shearing renders them more compact and brightens their distinct, refined and attractive colors. Individual specimens may be grown to splendid proportions, and are at all times distinctive and artistic ornaments to the lawn.

Fern-Like Retinospora. RETINOSPORA FILICOIDES. (S) An open form, whose soft, green leaves are borne all along the branches. Unique and desirable.

	Each
1 to 1½ ft.	$1 25

Thread-Branched Retinospora. RETINOSPORA FILIFERA. (S) A broad, bushy tree, with dark green foliage in pendulous thread-like strings. The appearance is distinctive and attractive. A fine variety for individual or group planting. Is hardy and grows well almost anywhere.

	Each	10
3 to 4 ft.	$4 00	$37 50
4 to 5 ft.	6 00	55 00
5 to 6 ft.	7 50	

Our Retinosporas have for several years past been used as Winter decorations about the White House. Moon's Trees are also extensively planted by other departments of our Government.

Golden Thread-Branched Retinospora, VAR. AUREA. (VD).

	Each
2 ft.	$4 00
2½ ft.	5 00

Weeping Thread-Branched Retinospora, VAR. AUREA PENDULA. (VD) A delicate, low, broad form of bright golden color.

	Each	10
1 to 1½ ft. x 1½ ft., fine color	$2 50	$22 50

Club Moss Retinospora. (D) RETINOSPORA LYCOPODIOIDES.

	Each	10
1¼ to 1½ ft.	$1 50	$12 50

OBTUSE-LEAVED RETINOSPORA. RETINOSPORA OBTUSA. (M) Of upright growth, splendid habit. The soft green foliage arranged in flat filaments is rich in appearance. The lower branches are retained. Suited for specimen planting or for grouping.

		Each	10	100
2 to 2½ ft.	Especially fine and bushy.	$1 50	$12 50	$100 00
2½ to 3 ft.		2 00	17 50	150 00
3 to 3½ ft.		2 50	22 50	200 00
3½ to 4 ft.		3 00	27 50	250 00

var. gracilis aurea. (S).

	Each
6 to 7 ft.	$7 50

var. gracilis nana. (VD) Light green foliage of attractive appearance and low growing habit.

	Each	10
1 ft. x ½ ft.	$3 00	$25 00

Dwarf Japanese Retinospora, VAR. NANA. (D) A slow-growing dwarf variety, that attains great age. It is popular in Japanese gardens, and attracts much attention here. The deep, dark green leaves are arranged in flattened masses that rise above one another, making a dense, heavy foliage and giving it a beautiful individuality.

	Each	10
1 to 1¼ ft.	$1 50	$12 50
1¼ to 1½ ft.	2 00	17 50
1½ to 2 ft.	2 50	22 50

Golden Dwarf Japanese Retinospora, VAR. NANA AUREA. (D) Similar in character to the preceding, with a clear, golden-colored foliage that is bright and fresh all the year.

	Each
1 to 1½ ft.	$1 75

Pea-Fruited Retinospora. RETINOSPORA PISIFERA. (M) The slender branches are open and graceful, the foliage light green above and silvery beneath. It is one of the best Retinosporas.

	Each	10
2½ to 3 ft.	$2 50	$22 50
3 to 4 ft.	3 00	27 50
4 to 5 ft.	4 00	35 00

GOLDEN PEA-FRUITED RETINOSPORA, VAR. AUREA. (S) A bright golden evergreen, with light, airy foliage. It holds its color constantly, and is handsome for contrasts in groups or individually as a specimen.

	Each	10
3½ to 4 ft.	$3 50	$32 50
4 to 5 ft.	5 00	45 00
	Each	
6 to 8 ft.	$10 00 to $15 00	

A sample of our Green Retinosporas at $25.00. Photographed in the nursery. The large specimens of Golden and Silver Retinosporas which we have are of the same excellent quality.

Siebold's Retinospora. RETINOSPORA SQUARROSA, VAR. SIEBOLDII. (D) Bluish foliage, changing to a purplish hue in Winter; a distinct coloring.

	Each	10
1 to 1½ ft.	$1 25	$10 00
1½ to 2 ft.	1 75	15 00
2 to 2½ ft.	2 50	22 50

Description of Silver Retinospora (*R. Squarrosa*) on page 12.

Plume-like, or Green Retinospora

Retinospora plumosa. (S) Of conical outline, with light green feathery foliage. It stands shearing well, and, if frequently pruned, becomes compact and dense. It is useful in groups, beds or for vases and window-boxes. See illustration below.

		Each	10	100
2 to 2½ ft.	Unusually fine bushy stock.	$1 50	$12 50	$100 00
2½ to 3 ft.		2 00	17 50	150 00
3 to 3½ ft.		3 00	25 00	225 00
3½ to 4 ft.		4 00	35 00	300 00
4 to 5 ft.		5 00	45 00	
5 to 6 ft.		6 00	50 00	
6 to 7 ft.		7 50	60 00	
8 to 10 ft.	Broad, symmetrical specimens.	20 00	175 00	
10 to 12 ft.		25 00	200 00	
			Each	
14 to 16 ft.			$30 00 to $50 00	

var. argentea. (S) Variegated form of the above.

	Each	10
1½ to 2 ft.	$1 25	$10 00
2 to 3 ft.	2 00	15 00

Golden Retinospora

var. aurea. (S) The most popular and generally useful of all the golden evergreens. In character it resembles the *R. Plumosa.* Is especially ornamental, and the soft, plume-like, golden foliage is particularly bright in Spring. It remains a deep yellow, even through the Winter. When pruned, it becomes symmetrical and regular. It is low-branched, and the golden yellow foliage brushes the green grass in beautiful contrasts. A vigorous grower, that is unsurpassed for color effect in grouping. It is well adapted for small lawns, and equally appropriate for large areas. For window-boxes, vases or for formal gardening, its value is realized. See illustration opposite.

		Each	10	100
1½ to 2 ft.	These are all specimen plants, dense, compact and symmetrical. The large sizes will make splendid immediate effects.	$1 25	$10 00	$85 00
2 to 2½ ft.		1 50	12 50	100 00
2½ to 3 ft.		2 50	20 00	160 00
3 to 3½ ft.		3 00	25 00	200 00
3½ to 4 ft.		3 50	30 00	250 00
4 to 5 ft.		4 00	35 00	300 00
5 to 6 ft.		6 00	50 00	
6 to 7 ft.		7 50	60 00	
7 to 8 ft.		10 00	80 00	
			Each	
8 to 10 ft.			$12 50 to $20 00	
10 to 12 ft.			20 00 to 30 00	
12 to 14 ft.			30 00 to 40 00	

WHITE-LEAVED RETINOSPORA, VAR. FLAVESCENS VARIEGATA. (D) Golden in appearance. The habit is dwarf and compact, and its ball-like form makes it a pretty little ornament in many places. We have some handsome specimens.

	Each	10	100
1 to 1½ ft.	$1 00	$7 50	$60 00
1½ to 2 ft. x 1½ to 2 ft.	1 50	12 50	100 00
2 to 2½ ft. x 1¾ to 2½ ft.,	2 00	17 50	150 00
		Each	
5 to 6 ft. x 5 to 7 ft.		$10 00 to $20 00	

Are the foundations of your house bare and angular? If so, soften them with foliage, as we have done here. Small growing evergreens are best because they are bright and attractive the year 'round. Deciduous shrubbery is less expensive, and where Winter decoration is not desired it may very properly be planted in such places.

Silver Retinospora

Retinospora squarrosa, var. Veitchii. (S) Possesses the merit of *R. Plumosa*, resembles it in character, and is useful in the same way. The foliage is feathery, and of a rich, silvery glaucous or steel blue that contrasts finely with the dark green and golden tints of other varieties. One of the most showy and attractive of the class. We have a stock of magnificent trees. See illustration, page 11.

		Each	10	100
2 to 2½ ft.	These are all specimen plants, dense, compact and symmetrical. The larger sizes will give splendid immediate effects.	$2 00	$15 00	$140 00
2½ to 3 ft.		2 50	22 50	200 00
3 to 3½ ft.		3 00	27 50	250 00
3½ to 4 ft.		4 00	35 00	300 00
4 to 5 ft...		5 00	45 00	400 00
5 to 6 ft...		7 50	60 00	500 00
6 to 7 ft...		12 50	100 00	
7 to 8 ft...		15 00	125 00	
12 to 15 ft.		....	Each $40 00 to	$50 00

Japanese Umbrella Pine

Sciadopitys verticillata. (S) A quite hardy Japanese tree, of pyramidal character and slow growth when young. The odd foliage is arranged in whorls of 15 to 30 long, narrow needles of lustrous deep green color. A rare tree and a gem in any collection.

	Each
3 to 3½ ft.	$7 50
3½ to 4 ft.	8 00
4 to 5 ft.	10 00
5 to 6 ft.	15 00
6 to 6½ ft.	20 00

TAXUS. YEWS

THE Yews are slow-growing, generally small trees, that do well in most soils. They are highly ornamental and effective as specimens or in groups. Yews withstand clipping well, but they require the protection of sheltered positions in places much north of Philadelphia.

English Yew. TAXUS BACCATA. (S) A slow-growing, thickly branched tree, with small, dark green leaves.

	Each	10
4 to 5 ft.	$4 00	$35 00

Golden English Yew, VAR. AUREA. (S)

	Each	10
1½ to 2 ft.	$2 00	$15 00
2 to 3 ft.	3 00	27 50

Erect English Yew, VAR. ERECTA. A good, symmetrical sort.

	Each	10
2½ to 3 ft.	$3 50	$32 50

Irish Yew, VAR. FASTIGATA. (D) Splendid little cone-shaped tree, that is erect and slender. Rich, dark, glossy green foliage, well suited for group and formal planting.

	Each	10
3½ to 4 ft.	$4 00	$37 50

Golden Irish Yew, VAR. FASTITAGA AUREA. (D) In character similar to the preceding, with young foliage a brilliant golden yellow.

	Each	10
3 to 4 ft.	$4 00	$37 50

Spreading English Yew, VAR. REPANDENS. (VD) Glossy dark green foliage, with spreading habit, that suits it for rock or natural plantings.

	Each
1¼ to 1½ ft. x 2 ft.	$3 00

Canadian Yew. TAXUS CANADENSIS. Low spreading native form.

	Each	10
1 to 1¼ ft.	$1 00	$9 00

Japanese Yew. TAXUS CUSPIDATA. (D) A hardy, deep green form of especial merit. Very desirable.

	Each
2 to 2½ ft.	$2 50
2½ to 3 ft.	3 00

var. nana; syn. brevifolia. (D) A Japanese form of bushy habit and dark lustrous green color.

	Each	10
1½ to 2 ft.	$2 75	$25 00

THUYA. ARBORVITÆ

THESE highly ornamental trees, though many are of upright habit, do not grow to great heights, and are appropriate for small lawns as well as large areas. They are generally hardy; grow vigorously in varied soils, and are easily transplanted. Their clean, neat, compact appearance, and the soft, fern-like foliage, in many cases so brightly colored, make them useful in grouping, bedding, bordering and formal gardening, for cemetery and lawn specimens, for hedges, screens, window-boxes, vases and house decorations.

Oregon Cedar. THUYA GIGANTEA, SYN. LOBBI. (S) In the East it succeeds best in sheltered locations. It is rare in ornamental plantings, but well suited for them, as it lends variety and interest.

	Each	10
2 to 3 ft.	$1 00	$7 50
3 to 4 ft.	1 25	10 00
4 to 5 ft.	1 50	12 50

Golden Oregon Cedar, VAR. AUREA. (S).

	Each	10
2 to 3 ft.	$1 00	$7 50

American Arborvitæ, or White Cedar

Thuya occidentalis. (S) A splendid native that grows well anywhere and thrives over a wide range of climate. The habit is erect and pyramidal, the foliage soft and light green in color. The branches are dense and symmetrical from the ground up. This Arborvitæ should be included in groups and all evergreen plantings. For tubs and vases, and for formal plantings, there is nothing better. They are unapproached as tall hedges to form screens from objectionable objects, or for shelter-belts, or as a blind about clothes-yards, etc. They grow quickly, and if planted closely in hedges, give the desired effects promptly. They may be kept at any height and made more dense and bushy by trimming, which they endure readily.

		Each	10	100
1½ to 2 ft.		$0 35	$2 50	$15 00
2 to 2½ ft.		75	6 00	50 00
2½ to 3 ft.	Unusually bushy and fine.	1 25	10 00	80 00
3 to 4 ft.		1 75	15 00	125 00
6 to 7 ft.		3 50	30 00	
7 to 8 ft.		4 00	35 00	300 00
8 to 9 ft.		5 00	45 00	400 00
9 to 10 ft.		6 00	50 00	450 00

GEO. PEABODY ARBORVITÆ, VAR. AUREA. (S) A distinct golden yellow form that is beautiful as a specimen and highly valued, too, for contrast in foliage effects. Aside from its color, its habits and form are similar to the above.

	Each	10
2 to 2½ ft.	$1 75	$15 00
2½ to 3 ft	2 00	17 50
3 to 4 ft.	3 00	

var. Burrowii. (S) Distinguished by bright golden yellow foliage in Spring, which afterwards turns green.

	Each	10
2 to 3 ft.	$1 75	$15 00
3 to 4 ft.	3 00	25 00
4 to 5 ft.	4 00	

Hedge of American Arborvitæ (Thuya Occidentalis), planted by us for the late Grover Cleveland, at his home in Princeton, N. J. The sample tree here shown represents the bushy quality of our stock, which will make at once such hedges or screens as here pictured.

Thuya occidentalis, VAR. COLUMBIA; SYN. THUYA QUEEN VICTORIA. (S) Foliage remarkable for its pretty yellowish-white markings.

	Each
1½ to 2 ft.	$2 00
3 to 4 ft.	3 00

Compact Arborvitæ

var. compacta. (D) Dwarf, dense little evergreens, having light green foliage and neat, attractive habit. Popular for beds, borders, cemeteries, house decoration or small, low-growing hedges, giving a pleasing formal effect.

		Each	10	100
1 to 1¼ ft.		$0 50	$3 50	$25 00
1¼ to 1½ ft.	Fine, broad bushy stock.	1 00	8 00	70 00
1½ to 2 ft.		1 50	12 50	100 00
2 to 2½ ft.		2 00	17 50	150 00
2½ to 3 ft.		2 50	22 50	200 00

Douglas' Golden Arborvitæ, VAR. DOUGLASII AUREA. (S) A fine, pyramidal golden evergreen.

	Each	10
3 to 3½ ft.	$3 00	$27 50

Douglas' Pyramidal Arborvitæ, VAR. DOUGLASII PYRAMIDALIS. (S) Pyramidal habit; dark green, attractive foliage.

	Each	10
2 to 3 ft.	$2 00	$17 50
3 to 4 ft.	3 00	25 00
4 to 5 ft.	4 00	

Globe Arborvitæ. Compact Arborvitæ.

Two low-growing varieties valued in all Evergreen bed plantings, also for low hedges and edgings to walks.

TOM THUMB ARBORVITÆ, VAR. ELLWANGERIANA. (D) Its low growth and compact symmetry make it valuable for decorations in small areas and in the front of evergreen beds, or wherever a small evergreen is wanted. Silvery foliage that turns darker in Winter.

	Each	10	100
1½ to 2 ft.	$0 75	$5 00	$40 00
2 to 2½ ft.	1 50	12 50	100 00
2½ to 3 ft.	1 75	15 00	125 00
3 to 4 ft.	2 00	17 50	

Heath-Leaved Arborvitæ, VAR. ERICOIDES. (D) Appears very much like the preceding, except in Winter it turns even darker. Both kinds are desirable and should be freely used in all plantings of small-growing evergreens.

	Each	10	100
1 to 1¼ ft.	$0 50	$3 50	$25 00
1¼ to 1½ ft.	1 00	7 50	60 00
1½ to 2 ft.	1 50	12 50	

Globe Arborvitæ

var. globosa. (VD) Very dwarf and compact; grows naturally into a rounded, almost ball-like form, that makes it useful in groups, for specimens, vases, or for formal planting about garden walks, etc.

		Each	10	100
1 to 1¼ ft.	Broad, bushy specimens.	$0 75	$6 00	$50 00
1¼ to 1½ ft.		1 50	12 50	100 00
1½ to 2 ft.		2 00	17 50	150 00
2 to 2½ ft.		2 50	20 00	

Hovey's Golden Arborvitæ

var. Hoveyii. (VD) Resembles *T. compacta*, and is useful in the same way; it differs principally in having lighter tints in its foliage.

		Each	10	100
1 to 1¼ ft.		$0 50	$3 50	$25 00
1¼ to 1½ ft.	Fine, broad, bushy stock.	1 00	8 00	70 00
1½ to 2 ft.		1 50	12 50	100 00
2 to 2½ ft.		2 00	17 50	150 00
2½ to 3 ft.		2 50	22 50	200 00

var. intermedia. (D) Round, like *T. globosa*, but not so dense and compact.

	Each	10	100
1¼ to 1½ ft.	$1 50	$12 50	$100 00

var. plicata. (S) Dense, upright form, light green color.

	Each	10	100
1 to 1¼ ft.	$1 00	$7 50	$60 00

var. pumila. (D) Dwarf, compact form.

	Each	10	100
1 to 1¼ ft.	$1 00	$7 50	$60 00

Pyramidal Arborvitæ

var. pyramidalis. (S) Similar to American Arborvitæ (*T. occidentalis*), but more dense in habit; finer in texture, and retains its lustrous green color all Winter. It is of the same columnar habit that adapts it to formal planting, and suits it for lawn specimens and evergreen groups.

		Each	10	100
1½ to 2 ft.		$0 50	$3 50	$25 00
3 to 4 ft.	Especially fine and bushy.	1 75	15 00	125 00
4 to 5 ft.		2 50	22 50	200 00
5 to 6 ft.		3 00	27 50	250 00

var. Reidii. (D) A rare sort of rather dwarf habit. It is desirable and especially adapted to Southern plantings.

	Each	10	100
1½ to 2 ft.	$1 25	$10 00	$80 00
2 to 2½ ft.	1 50	12 50	

Vervæne's Arborvitæ, VAR. VERVÆNEANA. (S) The same slender, erect habit and form as *T. occidentalis*. Green and golden colors are prettily mingled in the foliage.

	Each	10
2 to 3 ft.	$1 50	$12 50
3 to 4 ft.	2 50	20 00

SIBERIAN ARBORVITÆ, VAR. WAREANA; SYN. SIBERICA. (S) Of lower growth than the other pyramidal forms. The branches are stouter, and the dark, rich green foliage more dense. Hardy in coldest places, and much in demand for general purposes.

	Each	10	100
1½ to 2 ft.	$1 25	$10 00	$80 00
2 to 2½ ft.	1 50	13 50	125 00

Golden Siberian Arborvitæ, VAR. WAREANA AUREA.

	Each	10
2½ to 3 ft.	$2 00	$17 50

TSUGA. HEMLOCK

Hemlock Spruce

Tsuga Canadensis. (M) A magnificent native tree that grows rapidly in most any soil and is very hardy. If allowed sun-light, it will hold its lower branches and remain symmetrically furnished from the ground up, in which condition it makes splendid lawn specimens with a certain elegance and beauty that its slender, graceful branches alone possess. It will withstand wind and exposure, and therefore is suited for shelter-belts and wind-breaks, as well as in all mass plantings of large evergreens. Hemlocks succeed well in almost any soil, but prefer most a good loam that is moist rather than too dry. Hemlocks withstand shearing so well and become so dense and compact when subjected to that treatment, that they may be used wherever a small tree is wanted, or in hedges. For this purpose no other evergreen is better adapted, because it becomes impenetrable as well as neat and attractive, and may be kept low or allowed to grow into tall hedges or screens.

		Each	10	100
1½ to 2 ft.		$0 50	$4 50	$40 00
2 to 2½ ft.	Very bushy, fine stock.	1 25	10 00	80 00
2½ to 3 ft.		1 50	12 50	100 00
3 to 4 ft.		2 00	17 50	150 00
4 to 5 ft.		3 50	30 00	250 00
5 to 6 ft.		5 00	40 00	350 00
6 to 7 ft.		6 00	50 00	

Southern Hemlock. Tsuga Caroliniana. (L).

	Each
1½ to 2 ft.	$2 00

Japanese Hemlock. Tsuga Sieboldii. (L).

	Each
1½ to 2 ft.	$2 00

A spray of Azalea Amœna. A splendid plant that grows well in partial shade or sunny places.

EVERGREEN SHRUBS

THESE "Broad-Leaved Evergreens" are being used more and more each year, because they are so desirable and effective in all landscape work. Their heavy leaf masses meet the demand for fresh green foliage to enliven and cheer the bare aspect of deciduous trees and shrubs in Winter. But best of all is the magnificent display that most of them make when in bloom, especially the Rhododendrons and Kalmias. Another desirable quality most of them have is a fondness for shady places, so that they meet a large demand in beautifying these spots, which are usually thought so difficult to adorn. As a rule, they transplant easily, are quite hardy, give immediate results and are altogether very satisfactory plants to use.

Abelia

Abelia rupestris; syn. A. grandiflora. Graceful, arching branches; small, glossy leaves, and tiny white flowers all Summer.

	Each	10
2 to 3 ft.	$1 50	$12 50

Andromeda

Andromeda Catesbæi. See Leucothœ Catesbæi, page 17.

A. floribunda; syn. Pieris floribunda. A splendid, low-growing plant, with myrtle-like foliage and spikes of tiny pure white flowers, that resemble sprays of Lily-of-the-valley and which appear in early Spring.

	Each	10
1 to 1½ ft.	$1 50	$12 50

A. Japonica. A beautiful, low shrub, with drooping racemes of small, white, wax-like flowers in May and June. The shining, deep green leaves are handsome. A desirable plant at the front of groups of broad-leaved evergreens, or in shaded places.

	Each	10
1 to 1½ ft.	$1 50	$12 50

AZALEAS

For the Deciduous Varieties of Azalea, see page 39

Azalea Amœna, a bushy, dwarf evergreen, with small green leaves that deepen to a lustrous coppery hue in winter. Its neat appearance is attractive at all seasons, but in April or May the whole plant is clothed with a mass of brilliant claret-colored flowers that hold their beauty three or four weeks. Such beautiful little plants are ornamental anywhere, and are especially desirable for edging drives and walks, for dwarf hedges, groups or for bordering Rhododendron and Kalmia beds. The habit of this Azalea is so dense and compact that it makes splendid low flowering hedges, for which purpose we highly recommend it

	Each	10	100
1 to 1¼ ft.	$1 00	$8 50	$75 00
1¼ to 1½ ft.	1 50	12 50	100 00
1½ to 2 ft.	2 00	17 50	150 00
2 to 2½ ft.	2 50	22 50	200 00

A. Fujimanyo. A Japanese variety with double light purple flowers.

	Each	10
1½ to 2 ft.	$2 50	$20 00

A. Hinodegiri. Scarlet flowers.

	Each	10
1 to 1½ ft.	$1 50	$12 50

A. Indica. Showy white and varied colored flowers.

	Each	10
1 to 1½ ft.	$0 75	$6 00

var. alba; syn. ledifolium leucanthum. A profusion of single, white, large attractive flowers in early Spring. Adapted for grouping with shrubbery or other evergreen plants.

	Each	10
1½ to 2 ft.	$2 50	$22 50
2 to 3 ft.	3 00	27 50

BUXUS. BOXWOOD

Common Tree Box. BUXUS SEMPERVIRENS. This variety is familiar in old-fashioned gardens, where it has slowly developed into a large, broad bush. The small, dark green leaves are always fresh and glossy. It is a strong grower in almost any soil and does well in shaded places. It withstands shearing and may be clipped into artificial forms. Useful in tubs or for formal planting.

	Each	10	100
10 to 12 ins., BUSH FORM	$0 50	$3 50	$25 00
1 to 1¼ ft., " "	60	5 00	40 00
1¼ to 1½ ft., " "	75	6 00	50 00
1½ to 2 ft., " "	1 50	12 50	
2 to 2½ ft., " "	2 00	17 50	
2½ to 3 ft., " "	3 00	25 00	

2 x 2½ ft., particularly bushy, each........ $3 50

	Each	10
10 to 16 ins., GLOBE SHAPE	$2 00	
3 to 4 ft., PYRAMIDAL FORM	3 00	$27 50
4 to 5 ft., " "	4 00	37 50
5 to 6 ft., " "	5 00	47 50
15 to 18 ins. diam., STANDARDS	4 00	

Dwarf Box, VAR. SUFFRUTICOSA. The variety so extensively used for edging walks, and now again so popular in all formal and old-fashioned gardens. It grows very slowly, and reaches, after many years, a height no greater than 3 to 5 feet. In edging walks, set the plants from 2 to 4 inches apart.

	10	100	1000
4 to 6 in.	$1 00	$7 00	$60 00

Chamædaphne

Leather Leaf. CHAMÆDAPHNE CALYCULATA. Low bushy plant, with very early white flowers.

	Each	10
1½ to 2 ft.	$1 50	$12 50

Cotoneaster

Cotoneaster buxifolia. Red fruit and attractive foliage.

	Each	10
1½ to 2 ft.	$0 75	$5 00

var. Wheeleri. A shrubby plant, with small evergreen leaves and red berries.

	Each	10
2 to 3 ft.	$0 75	$5 00

Daphne. Garland Flower

Daphne cneorum. A low, prostrate plant, with small, pink, fragrant flowers in May and occasionally later. Very attractive.

	Each	10
Strong bushy plants	$1 00	$8 00

Euonymus

Erect growing evergreen shrubs, well suited for specimen, bed or hedge planting. North of Philadelphia it is hardy only in sheltered places.

Japanese Euonymus. EUONYMUS JAPONICA. An erect form, with glossy green foliage and bright green bark. Makes a good specimen bush for individual planting.

	Each	10	100
10 to 12 ins.	$0 40	$3 50	$25 00
1½ to 2 ft.	75	6 00	

Silver Euonymus, VAR. ARGENTEA. Leaves beautifully variegated with silvery white markings.

	Each	10
2½ to 3 ft.	$1 50	$12 50

Golden Euonymus, VAR. AUREA. Leaves attractively margined with golden yellow.

	Each	10
2½ to 3 ft.	$1 50	$12 50

A hedge of boxwood planted by us upon the grounds of the Cottage Club, Princeton, N. J.; photographed 18 months after planting.

ILEX. THE HOLLIES

The berried twigs are familiar decorations at Christmas time, but most people do not know what splendid ornaments the trees are in open or collective planting. The flowers being unfertile in themselves, it is necessary to plant several trees near each other to be sure of berries.

English Holly. ILEX AQUIFOLIUM. Dark, glossy prickly leaves. Erect, shapely habit; fond of sandy soils, though it grows well in other places.

	Each
4 to 5 ft.	$5 00

var. Hodginsii. Slightly broader, smoother-edged leaves than the above.

	Each
3 to 4 ft.	$4 00

JAPANESE HOLLY. ILEX CRENATA. Small, dark, attractive leaves. It withstands shearing, and may be trained into any desired form. Makes dense, compact, low hedges. Splendidly suited for seashore planting. Not dependably hardy north of New York City, but a splendid plant where it can be safely used.

	Each	10	100
2 to 2½ ft.	$1 50	$13 50	$125 00
2½ to 3 ft.	2 00	17 50	
4 to 5 ft.	3 50		

American Holly. ILEX OPACA.

	Each
2 to 3 ft.	$1 50

Kalmia. Mountain Laurel

Kalmia latifolia. Bushy shrubs, with elongated oblong leaves, which are always fresh and glossy, making possible charming foliage effects and cheery landscapes at all seasons. In early Spring, they bloom profusely. The delicate pink buds, beautiful in themselves, open in large corymbs of pink and white flowers. They are useful for massing with Rhododendrons or for wooded effects.

	Each	10	100
1½ to 2 ft.	$1 00	$8 00	$75 00
2 to 2½ ft, very bushy.	2 00	17 50	150 00

Ledum

Labrador Tea. LEDUM LATIFOLIUM. Very hardy, low bushy shrub. White flowers in early Summer. Leaves fragrant when bruised.

	Each	10
1 to 2 ft.	$0 75	$7 00

Leucothœ

Leucothœ Catesbæi; syn. Andromeda Catesbæi. DROOPING ANDROMEDA. A valuable small shrub for shady places and wild effects. The oblong, leathery leaves change to a beautiful bronze in Autumn, and are so much admired that quantities of sprays are collected from the native woods and sold for Christmas decorations. In early Spring, drooping panicles of small, fragrant, white, wax-like flowers cover it.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	
1½ to 2 ft.	1 00	$7 50	$65 00

Magnolia

Magnolia grandiflora. A Southern tree with large, white fragrant flowers, and handsome evergreen leaves.

	Each
3 to 4 ft.	$2 00

Mahonia

Holly-Leaved Mahonia. MAHONIA AQUIFOLIA. A native plant, with handsome prickly foliage, that is a deep glossy green in Spring and turns to a bright bronze color in Winter. In May, little yellow flowers hang along the branches. Very desirable plant for rockeries and shrubbery groups.

	Each	10	100
1¼ to 1½ ft	$0 50	$3 50	$25 00

Japanese Mahonia. MAHONIA JAPONICA. A stronger grower, with stout, stiff branches. The leaves are larger than the above, and do not change their color during the Winter. In May the yellow flowers are quite showy.

	Each	10
1½ to 2 ft.	$1 00	$7 50

None of the dignity and simplicity of this farmyard have been lost in the remodeling which we were engaged to give it. Groups of Rhododendrons and other shade enduring shrubbery were planted along the driveway, while beyond the house the garden that for so long supplied the vegetables was transformed into a veritable old-fashioned flower garden that gives an uninterrupted succession of bloom. Consult us when you go to "Fix up the Old Farm."

If Rhododendrons have moisture they will grow in full sunlight as well as in the shaded places where they are now so abundantly used. For Spring delivery we have a splendid stock of the Hybrid varieties as well as the native Rhododendron Maximum.

RHODODENDRONS

EXPERIENCE has proved that many Rhododendrons are hardy as far north as Boston. In early Summer there are no flowers more gorgeous than these grand shrubs, that are then all aglow with their great masses of bloom. But not only at this season are they attractive, for the heavy, shiny green leaves enliven the landscape even in Winter. In front of evergreen shelter-belts, their glossy foliage appears to delightful advantage against the more sombre hues of the conifers that protect them from the prevailing winds. In groups or masses the varied colors of the flowers blend harmoniously together, and make a brilliant ornament wherever seen.

Rhododendrons do well in most soils free from limestone, and to obtain success from them, no such expensive methods of preparing the ground are required as are sometimes advocated, though they willingly respond to such treatment. In Summer, a light mulch of cut grass retains the moisture, and in Winter, a heavier mulch of leaves protects the roots, and frequently a slight covering is required to shelter the flower-buds and foliage. After each flowering season the dead bloom should be picked to prevent seeding, and allow the energies of the plant to develop flower buds for the next year.

The Rhododendrons stand without an equal among the flowering shrubs, and, to retain their supremacy, possess the crowning virtue of flowering in all their glory the same season as planted.

All our Rhododendrons are shipped with balls of earth about their roots, which prevents them from drying out, and insures successful growth. They are well budded and will flower this year.

PRICES AND VARIETIES OF HYBRID RHODODENDRONS ARE AS FOLLOWS:

		Each	10	100
1 to 1½ ft.,	Well budded	$1 25	$10 00	$80 00
1½ to 2 ft.,		1 50	12 50	110 00
2 to 2½ ft.,		2 00	17 50	150 00

It is possible that early sales will soon reduce our assortment of varieties, and purchasers will do well to name a second choice or instruct us to substitute similar varieties, so that no delay will occur in filling orders.

In the Autumn our assortment of varieties will not be complete, and purchasers ordering for delivery then, would do well to order by color; unless they have some especial fondness for certain varieties.

Abraham Lincoln. Rosy red; one of the best sorts.

Album elegans. White.

Album grandiflora. White; large flowers.

Atrosanguineum. Deep blood red; fine.

Boule de Neige. Pure white; low grower.

Caractacus. Rich purplish crimson.

Catawbiense alba. Beautiful, large white flowers.

Charles Bagley. Cherry red.

Charles Dickens. Deep scarlet.

C. S. Sargent. Brilliant red.

Delicatissima. Blush white.

Everestianum. Rosy lilac; strong, hardy grower.

Some of our Hybrid Rhododendrons.

HYBRID RHODODENDRONS—Continued

General Grant. Rosy scarlet.
Gomer Waterer. Best pink.
H. H. Hunnewell. Crimson.
H. W. Sargent. Crimson.
Kettledrum. Deep red.
Lady Armstrong. Pale rose.
Lady Claremont. Rosy scarlet.
Michael Waterer. Scarlet crimson.
Old Port. Wine red.
Parson's Gloriosa. Soft rose.
Roseum elegans. Rose, small hardy grower.

Native Rhododendrons

Rhododendron maximum. A native shrub that is beautiful among our mountainous regions in June and July, when its great white (sometimes rosy pink) flower masses appear in full bloom along the roadsides or on banks of streams. The landscape artist uses them in much the same way that nature does. For covering banks, for groups or masses in shady situations, as an undergrowth in wooded places or for planting beside drives and paths, nothing is more attractive. The heavy, glossy green leaves make a magnificent setting for the large, showy flowers.

	Each	10	100
2 to 3½ ft.	$2 00	$16 00	$135 00
3½ to 5 ft.	$2 50 to 3 00	20 00	160 00

Rhododendrons by the Carload

We are in a position to supply Rhododendron maximum from 2 to 7 feet in height, in carload lots. We dig these carefully and they withstand transplanting especially well.

Upon request, further particulars and prices of carload shipments will be cheerfully given.

Dwarf Rhododendrons

These low-growing plants are splendid for use where a dwarf evergreen shrub is required, and well adapted for planting in the front of beds of larger Rhododendrons or with Azaleas. Their flowers are showy, and on this account alone they ought to be more generally planted.

Myrtifolium. MYRTLE-LEAVED RHODODENDRON. Purplish flowers and low, bushy habit.

	Each
1 to 1½ ft.	$1 50

Odoratum. A dwarf, dense form, with sweet pink and white flowers.

	Each
1 to 1½ ft.	$1 50

Punctatum. Pale rose and spotted; open habit; the earliest of all to flower.

	Each	10
1 to 1½ ft.	$1 50	$12 50

Wilsonianum. Pinkish flowers. A dwarf, dense form, with splendid foliage.

	Each	10
1 to 1½ ft.	$1 50	$12 50

Yucca Filamentosa. Adam's Needle

In June or July it sends up tall stalks laden with ivory white flowers. Desirable alone or in shrubbery and herbaceous borders. Grows well most anywhere, and endures dry, sandy soils, where little else will grow.

	Each	10	100
3-year large plants	$0 35	$2 50	$20 00
4-year fine heavy plants	50	3 50	25 00

Yucca or Adam's Needle. A plant of tropical appearance that flowers in early Summer. It is well adapted for planting in colonies or among shrubbery or perennial borders.

This garden, situated at the edge of a brick terrace, becomes a veritable out-door room, from which the fragrance and beauty of flowers can best be enjoyed. The planting in this garden and that beyond were designed and furnished by us.

SUCCESSFUL LANDSCAPE PLANTING

IN planting a new lawn or in remodeling an old one, it is best to have an expert acquainted with trees and plants to help in arranging them in the most artistic and effective way. Let us who have had so much experience in planting lawns, assist in making yours. You will get better results for the money expended and will be saved the expense and disappointment of planting things unsuited for your location and soil.

The grouping of flowers and shrubbery, or the location of trees, must be placed so that they will produce a harmonious whole that makes the lawn abound in interest and beauty. At the same time they must fulfill their mission of giving shade or hiding from view some unsightly object, framing some vista with foliage, making a display of flowers, and enhancing the beauty of the place to the owner's satisfaction.

Consult us about planting plans that will help you to get such results. We solicit correspondence with all who contemplate improving or beautifying their grounds, whether it be on the lawn of a modest home or on the larger estates.

Boxes of trees and shrubbery for the Parks of Seattle, Wash., leaving our Nurseries on March 17, 1910. Arrived on April 5th.

ABOUT THE SHIPPING OF NURSERY STOCK

IN this progressive day of improved transportation facilities, nursery stock may be safely transported from our nurseries to any point in the United States or Canada. We even have successfully shipped our product to far off China and to European countries.

The care that is exercised in all of our packing and the moist material put about all roots makes it practical to ship trees long distances. It also makes it possible to leave stock unpacked a few days if inconvenient to plant it immediately when received; it is, however, best to unpack promptly, even if only to "heel" or trench the stock temporarily.

The cost of freight transportation of trees and shrubbery is surprisingly low. Seldom does transportation to points within a radius of 300 miles of our nurseries amount to more than 10% of their value, often it is very much less. At distances greater than 300 miles the freight costs range from 10% to 20%, while of course to isolated places or to very distant towns they may be more.

One of the shipments we made last season was across the Continent to the parks of Seattle, Wash. Of this shipment the Superintendent of Parks of that city said: "**I have had the planting foreman check your stuff, and he claims that it was the best packed we have received this season. It was received here on April 5th and shipped by you on March 17th (18 days in transit). The shipment came through rapidly and the stuff is extremely satisfactory.**"

California, New Mexico, Montana and Alabama also had large shipments last season, from us, to points within their borders.

Shipments of light weight and where quick delivery is imperative, we make by Express. We are very glad to have customers request the mode and route for shipment, but as it is impossible to foretell the weight, these details are best left to our discretion. Evergreens are especially heavy, and freight is preferable with all but the smallest sizes.

At Trenton, N. J. (our shipping point), we are fortunate in having the benefits of low ates and prompt service, that competing freight and express companies afford.

Sycamore Maple and California Privet Hedge.

Deciduous Ornamental Trees

NOTHING can be planted which will grow so well and with so little attention and care as trees. The initial cost is small and paid for many times over by the beauty, pleasure and satisfaction which they bring. In the assortment that we have listed will be found the varieties best adapted for street and avenue planting; the kinds that will give the coolest shade for lawn and park use; species of rapid growth to produce quick effects; those with gorgeous and showy flowers and brilliant Autumnal leaves; kinds with graceful, weeping habit; large and dwarf-growing sorts. Our collection includes trees adapted for all locations, climates and soils. All have been grown with care, to make them straight, stocky, well headed and supplied with fibrous roots. They have been frequently transplanted, and are prepared for moving. Where trees are wanted in large quantities, we may be able to offer greater inducements on some varieties, so that we solicit correspondence from persons who contemplate purchasing in such numbers.

That the unacquainted may have an idea of the height to which each tree may be expected to grow, we have marked the varieties as follows: (L) designates trees growing to 60 feet or over at maturity; (M), from 30 to 60 feet; (S), 20 to 30 feet; (D), 10 to 20 feet; (VD), less than 10 feet.

ACER. THE MAPLES

MAPLES are planted, perhaps, more largely than any other tree. They are hardy and well adapted to almost every soil; are attractive, vigorous growers, and remarkably free from the attacks of injurious insects. Their shade is cool and dense, and for this they are indispensable in all lawn, park or avenue plantings. In Autumn, the brilliant coloring of their leaves is everywhere commented upon. The Silver Maple (Acer dasycarpum) and the Ash-Leaved Maple (Acer Negundo) are the most rapid-growing; but for permanency the Sugar Maple (Acer saccharum) and the Norway Maple (Acer platanoides) are usually preferred. The other varieties are more or less distinct, and each useful in its place.

European Cork Maple

Acer Campestris. EUROPEAN CORK MAPLE. (S) Attractive and hardy, growing slowly into a small, handsome tree, with thick, rounded head of small, elegant leaves. The bark is corky. Valuable for planting on high, dry ground.

	Each	10	100
3 to 4 ft................	$0 75	$5 00	$40 00
5 to 6 ft................	1 00	7 50	60 00

Vine Maple. ACER CIRCINATUM. (S) A small tree or shrub, with round leaves that turn a gorgeous orange and scarlet in Autumn. Fruit rose-color.

	Each	10	100
3 to 4 ft................	$1 00	$7 50	$60 00

Red Colchicum Maple. ACER COLCHICUM, VAR. RUBRUM. (M) A rare, medium-sized tree that is bright red as the new leaves unfurl. The young twigs are also red and attractive in Winter. We have a splendid stock.

	Each	10
8 to 10 ft., 1½ to 2 in. cal.	$2 50	$20 00
10 to 12 ft., 2 to 2½ in. cal.	3 00	25 00

SILVER MAPLE. ACER DASYCARPUM. (L) A most reliable grower in all sections, and matures so rapidly that it is sought for quick effects. The leaves are deeply cut and their silvery under-surface is beautifully displayed.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.,	$1 00	$7 50	$60 00
12 to 14 ft., 2 to 2½ in. cal.,	2 50	22 50	
14 to 16 ft., 2½ to 3 in. cal.,	3 50	30 00	

Weir's Cut-Leaved Silver Maple, VAR. WIERI LACINIATUM. (M) The leaves are cut more deeply than those of its parent, the Silver Maple. It grows more rapidly and is distinguishable by its slender branches, that droop gracefully. A desirable, quick-growing lawn tree.

	Each	10
8 to 10 ft.	$1 25	$10 00

Montpelier Maple. ACER MONSPESSULANUM. (S).

	Each
8 to 10 ft.	$2 50

Ash-Leaved Maple or Box Elder. ACER NEGUNDO. (L) A rapid-growing tree of irregular, spreading form, whose leaves resemble those of the Ash. Improved by close pruning. Grows well in dry and barren soils.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.,	$1 00	$7 50	$60 00
10 to 12 ft., 1½ to 1¾ in. cal.,	1 25	10 00	80 00

NORWAY MAPLE. ACER PLATANOIDES. (M) A handsome tree of large growth, forming a wide, rounded head of spreading branches, and having broad, deep green leaves that cast a cooling shade. Strong, compact and vigorous. It is one of the best ornamental trees and is popular in all lawn, park, cemetery and street planting.

	Each	10	100
8 to 10 ft.	$1 50	$13 50	$125 00
10 to 12 ft., 1½ to 1¾ in. cal.,	2 00	17 50	160 00
10 to 12 ft., 1¾ to 2 in. cal.	2 50	22 50	200 00
12 to 14 ft., 2 to 2½ in. cal.	3 00	27 50	
14 to 16 ft., 3 to 4 in. cal.	$4 00 to $7 50 each		

Prices of larger trees upon application.

Globe Norway Maple, VAR. GLOBOSA. (D) A round-headed form, that will produce the same formal effects as Catalpa Bungei.

	Each	10
10 to 12 ft., top grafted	$3 50	$32 50

Purple Norway Maple, VAR. SCHWEDLERI. (M) The new leaves are red or purplish, and later turn to green. In other respects, the tree is similar to the Norway Maple. Very desirable.

	Each	10
6 to 8 ft., 1¼ to 1¾ in. cal.	$2 00	$17 50

Sycamore Maple. ACER PSEUDO-PLATANUS. (M) A broad, handsome tree, that grows quickly; has larger, darker leaves than the other Maples. See illustration on opposite page.

	Each	10	100
10 to 12 ft., 2 to 2½ in. cal.,	$2 50	$20 00	$175 00
12 to 14 ft., 2½ to 3 in. cal.,	3 50	30 00	275 00

Purple Sycamore Maple, VAR. PURPUREA. (L).

	Each
14 to 18 ft., 3 to 4½ in. cal.	$5 00 to $10 00

Red or Scarlet Maple. ACER RUBRUM. (L) A native species, with fine, rounded head; beautiful red blossoms and fruits in Spring; gorgeous Autumnal foliage. Thrives in low or damp places.

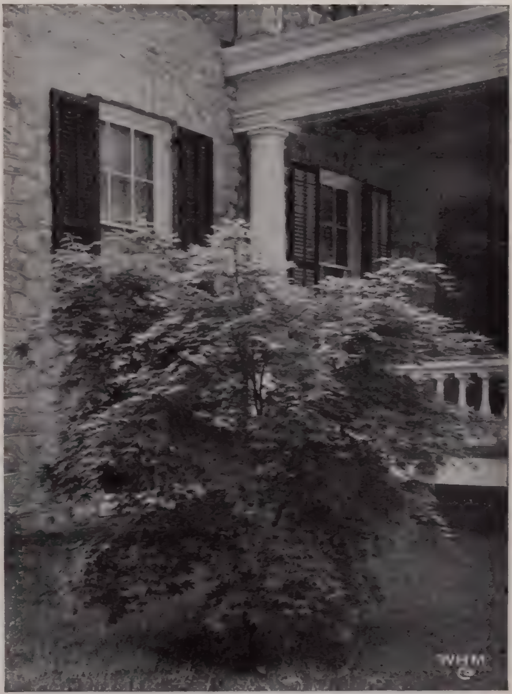
	Each	10
8 to 10 ft., 1½ to 2 in. cal.	$1 50	$12 50
10 to 12 ft., 2 to 2½ in. cal.	2 50	20 00

SUGAR OR ROCK MAPLE. ACER SACCHARUM. (L) Much used for shade in lawn or park plantings. It is pyramidal in form and thrives in almost any soil; with age it grows into a straight, symmetrical tree of grand proportions. This Maple has a brilliant Autumn coloring, neat and attractive habit, and is used in solitary or group planting. It makes a handsome avenue tree, and is popular for that purpose. We have a splendid stock of young, thrifty trees.

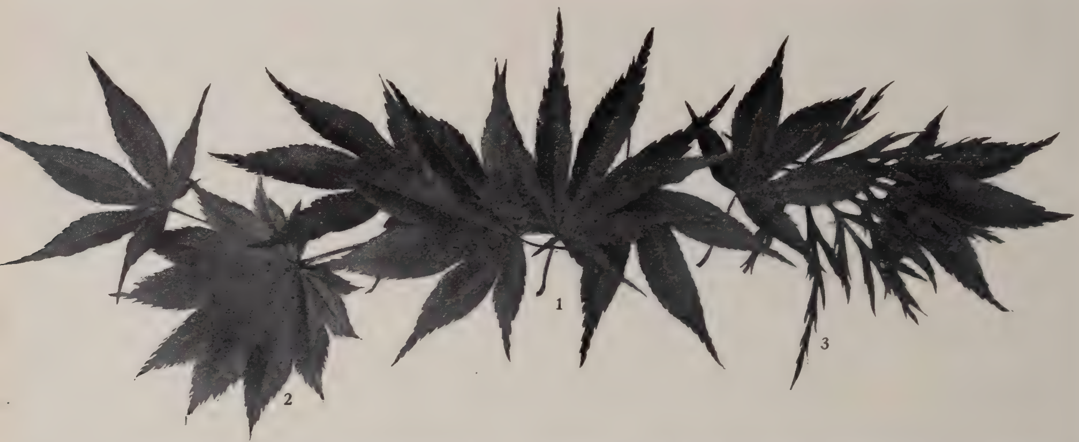
	Each	10	100
14 to 16 ft., 2 to 2½ in. cal.,	$3 50	$30 00	
14 to 16 ft., 2½ to 3 in. cal.,	5 00	45 00	$400 00
16 to 18 ft., 3 to 4 in. cal.	7 50	60 00	

Siberian Maple. ACER TARTARICUM GINNALA. (D) A shrubby tree, with handsome leaves, that turn a beautiful red in early Autumn. It is very useful for foliage effects, and splendid for mass and bank plantings. Individually, it makes a neat little tree. A strong grower and perfectly hardy.

	Each	10	100
4 to 5 ft.	$0 75	$6 00	$50 00



A Green Japan Maple (Acer polymorphum) purchased of us two years before being photographed. There is scarcely another tree that fits as well into almost every planting scheme. The larger sizes we list, page 24, will give such results as this at once.



Leaves of the Japanese Maple. No. 1, similar in form to the leaves of Green Japan Maple and its variety Atropurpureum; No. 2, Aureum, or the Golden Leaved Maple; No. 3, Leaves of the Purple or Dissectum variety.

Japanese Maples

Beautiful little trees, valued in all landscape work. Especially adapted for planting in front of evergreen borders, in groups for color effects or individually, in prominent places. They are reliably hardy in all but the coldest sections of the United States. Transplant easily and mature quickly.

Green Japan Maple. ACER POLYMORPHUM. (D) This is the parent of all the following varieties. It is the tallest and as hardy as any. The small, green leaves are not cut as deeply as those of some kinds. It has bright green foliage in Spring and Summer, and in Fall the leaves are often of different shades, some scarlet, some yellow and some of both shades combined. But, whatever the color is, there is a gorgeous showing. See illustration, page 23.

		Each	10
3 to 4 ft.		$2 00	$17 50
6 to 7 ft.	Very heavy and bushy.	8 00	65 00
7 to 8 ft.		10 00	80 00
8 to 10 ft.		12 50	100 00

	Each
6 to 10 ft., choice specimens	$10 00 to $20 00

var. atropurpureum. (D) A blood-leaved sort that holds its dark coloring throughout the season.

	Each	10
2 to 2½ ft.	$2 50	$22 50
2½ to 3 ft.	3 50	32 50
3 to 4 ft.	$5 00 to $7 50 each	

var. atropurpureum dissectum. (VD) Low, spreading habit; blood-red leaves, as deeply and as delicately cut as a fern.

	Each	10
1½ to 2 ft.	$2 50	$22 50

Golden-Leaved Japan Maple, VAR. AUREUM. (VD) A distinct and desirable sort.

	Each	10
1½ to 2 feet	$2 50	$22 50

var. dissectum. A very dwarf spreading form with delicately cut foliage.

	Each	10
2 to 2½ ft.	$3 00	$27 50
3 to 5 ft., top grafted	$3 50 to $5 00 each	

Other Varieties of Japan Maples

	Each
1½ to 2 ft.	$2 00
2 to 2½ ft.	2 50
2½ to 3 ft.	3 50

In addition to the standard varieties, described above, we have the following rare and unusual sorts in sizes listed at above prices.

Sanguineum Seigen. The darkest red-leaved variety. 2½ to 3 ft.

Filicifolium. Green leaves, delicately cut. 2 to 2½ ft.

Purpureum. Foliage very dark crimson. 2 to 2½ ft.

Oshiu-beni. Red leaves, delicately cut. 2½ to 3 ft.

Reticulatum. Green leaves, mottled with pink and white. 1½ to 2 ft.

Rosa Marginatis. Leaves are margined with delicate pink. 2 to 2½ ft.; 2½ to 3 ft.

Rubrum. Dark red leaves. 1½ to 2 ft.

Versicolor. Leaves curiously tinted with pink and white. 1½ to 2 ft.

Æsculus. Horse Chestnut

Ohio Buckeye. ÆSCULUS GLABRA. (M) Large leaves and yellow flowers.

	Each	10
7 to 8 ft., 1½ to 2 in. cal.	$1 50	$12 50

White-Flowering Horse Chestnut. ÆSCULUS HIPPOCASTAMUM. (M) Ornamental trees for shade and avenues. In May quantities of beautiful spikes of white flowers appear from among the deep green foliage.

	Each	10	100
7 to 8 ft., 1½ to 2 in. cal.	$1 75	$15 00	$125 00

Double White-Flowering Horse Chestnut, VAR. ALBA FLORE PLENO. Similar in appearance to the above. Bears no fruit.

	Each	10
8 to 9 ft., 1¾ to 2¼ in. cal.	$2 50	$22 50

Red-Flowering Horse Chestnut. ÆSCULUS RUBICUNDA. (S).

	Each	10
6 to 8 ft., 1½ to 1¾ in. cal.	$2 50	$22 50

Buckeye. ÆSCULUS OCTANDRA; SYN. A. FLAVA. (M) A stronger and more rapid grower than either of the preceding. The leaves are also less apt to "brown" after midsummer.

	Each	10	100
7 to 8 ft., 1½ to 1¾ in. cal.	$2 00	$17 50	$150 00

Ailanthus

Chinese Sumac, Tree of Heaven. AILANTHUS GLANDULOSA. (L) A lofty, rapid-growing shade tree, with feathery tropical-looking foliage. It withstands the smoke and gases of city streets.

	Each	10
10 to 12 ft.	$1 25	$10 00

Alnus. Alders

Rapid-growing trees, suitable for moist places, as well as upland soils.

Alnus cordata. (M) A round-headed tree, with bright Autumn foliage.

	Each	10	100
8 to 10 ft., 1½ to 1¾ in. cal.	$1 00	$7 50	$60 00
10 to 12 ft., 1¾ to 2 in. cal.	1 50	12 50	100 00

European or Common Alder. ALNUS GLUTINOSA. (M) A very rapid-growing tree for upland or moist places; also for seashore planting.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.	$1 00	$7 50	$60 00
10 to 12 ft., 1½ to 2 in. cal.	1 50	12 50	100 00
14 to 16 ft., 2 to 2½ in. cal.	2 00	17 50	
16 to 18 ft., 3 to 3½ in. cal.	3 00	25 00	

Speckled Alder. ALNUS INCANA. (M) A rapid-growing tree, suited for moist soils or waterside planting.

	Each	10
6 to 8 ft.	$0 75	$5 00
16 to 18 ft., 2½ to 3 in. cal.	2 50	20 00

Cut-Leaved Speckled Alder, VAR. LACINIATA. (M).

	Each	10
8 to 10 ft.	$1 00	$7 50

Andromeda

Andromeda arborea; syn. Oxydendrum arborea. SORRELL TREE. (D) A very ornamental little tree, with handsome foliage that turns a brilliant crimson in Autumn. Panicles of small white flowers resembling those of Lily-of-the-valley are borne in July.

	Each	10
3 to 4 ft.	$1 50	$12 50
5 to 6 ft.	2 00	17 50

BETULA. THE BIRCHES

THE Birches are distinguished for their elegant, graceful appearance, slender branches, light, airy foliage, and for the silvery white bark of some of the species. They endure a wide range of climatic conditions, and thrive not only in moist locations, but do well even in high, dry or stony places.

European White Birch. BETULA ALBA. (M) A quick-growing tree that, after a few years, develops the beautiful white bark so familiar in many landscapes.

	Each	10
8 to 10 ft., 1¼ to 1½ in. cal.	$1 50	$12 50

Pyramidal White Birch, VAR. FASTIGATA. (M) Of compact, pyramidal habit, with silvery white bark.

	Each
6 to 10 ft.	$1 50 to $3 00

Weeping Cut-Leaved White Birch, VAR. LACINIATA PENDULA. (M) At an early age this tree acquires a very graceful, drooping habit and silvery white bark. The foliage is deeply and delicately cut. This tree is deservedly popular in lawn plantings.

	Each	10
8 to 10 ft.	$1 50	$12 50
10 to 12 ft.	2 00	17 50

Young's Weeping Birch, VAR. PENDULA YOUNGII. (S) An odd, attractive tree, with singular contorted branches.

	Each
3 to 4 ft.	$2 50

Purple Birch, VAR. PURPUREA. (M) Purple leaves and white bark. Each............ $2 00

Yellow Birch

Yellow Birch. BETULA LUTEA. (L) A shapely, handsome lawn tree, with bronze-colored bark. It is a strong, robust forest native, suited for landscape planting in almost all locations.

	Each	10	100
12 to 14 ft., 2 to 2½ in. cal.	$2 00	$17 50	$150 00

American White Birch. BETULA POPULIFOLIA. (M) A familiar native forest tree.

	Each	10
6 to 7 ft.	$1 25	$10 00

Broussonetia

Paper Mulberry. BROUSSONETIA PAPYRIFERIA. (M) A rapid growing tree in even the poorest soils It endures neglect and exposure.

	Each	10
5 to 6 ft.	$0 75	$5 00

Carpinus. Hornbeam

American Hornbeam. CARPINUS AMERICANA; SYN. CAROLINIANA. (S) A bushy tree or shrub, with leaves and bark resembling Beech.

	Each	10	100
5 to 6 ft.	$1 00	$8 00	$70 00
6 to 8 ft.	1 50	12 50	100 00

European Hornbeam. CARPINUS BETULA. (M) A strong, compact grower, with stiff, twiggy branches. Valuable for shady places and for natural effects.

		Each	10	100
4 to 5 ft.	Very bushy.	$1 00	$8 00	$70 00
5 to 6 ft.		1 50	12 50	100 00

THE CATALPAS

THESE are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves a large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesti They do well in exposed situations and meager soils. Popular in commercial and ornament plantings. The Catalpas grow rapidly, giving quick results. As an ornamental flowering tree for mi summer, they are unsurpassed.

The Western Catalpa, here pictured, is similar to the other tree forms of Catalpa. They are quick growers and among the best flowering trees.

Indian Bean. CATALPA BIGNONIOIDES. (M).

	Each	10
6 to 8 ft.	$1 50	$10 00

Catalpa Bungei. CHINESE CATALPA. (D) A curious dwarf tree, with a globular head, measuring 8 to 10 feet in diameter at maturity. It is effective for lawn and terrace decorations. Quite hardy, most distinct and desirable for lawn planting. See illustration on back cover of this catalogue.

	Each	10
Tree form, 2-year heads	$1 50	$12 50
Tree form, 3-year heads	2 00	17 50

Japanese Catalpa. CATALPA OVATA; SY KÆMPFERI. (S) Very hardy; holds its leaves long while. Fragrant white flowers in large panicle

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$50 00
8 to 10 ft., 1½ to 2 in. cal.	1 50	12 50	100 00

WESTERN CATALPA. CATALPA SPECIOSA. (M) Especially ornamental in June, when laden with a profusion of white flower panicles. Its strong, quick-growing habit, ability to thrive in dry or moist soils, and its large, handsome leaves make it a tree of the first order for lawn and street planting.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$50 00
8 to 10 ft., 1½ to 2 in. cal.,	1 50	12 50	100 00
10 to 12 ft., 2 to 2½ in. cal.,	2 00	16 00	140 00
12 to 14 ft., 2½ to 3 in. cal.,	3 00	25 00	

CERASUS. THE FLOWERING CHERRIES

AT the beginning of Summer these trees are buried under a wealth of bloom, which is strung along the branches. They have dense foliage, so that the taller kinds make good shade trees.

Wild Plum. CERASUS AMERICANA; SYN. PRUNUS AMERICANA. (D) April and May. Profusion of white flowers; fruit yellow. Attractive Autumn foliage.

	Each	10
6 to 7 ft.	$1 50	$10 00

Japanese Weeping Cherry. CERASUS AVIUM, VAR. ROSEA PENDULA. (D) Makes a beautiful lawn specimen, and is so small that it can be used in very limited areas. The drooping branches almost meet the ground, and when, in May, they are hung with innumerable delicate pink flowers, there is nothing that surpasses it in beauty. At other seasons the foliage is good and the tree altogether sightly.

	Each	10
2-year heads	$2 00	$17 50

European Bird Cherry. CERASUS PADUS; SYN. PRUNUS PADUS. (S) Drooping racemes of white flowers in Spring; black fruit.

	Each
5 to 6 ft.	$1 00

Common Wild Bird, or Pin Cherry. CERASUS PENNSYLVANICA. (M) Suited to rocky, sandy and poor soils. White flowers and bright red fruits that attract birds.

	Each
6 to 7 ft.	$1 00

Wild Black Cherry. CERASUS SEROTINA. (M) Its flower racemes are white and fragrant; its leaves glossy, and its fruits black. This is one of the most ornamental of our native trees, and deserves more general appreciation.

	Each	10	100
8 to 10 ft., 1½ to 2 in. cal.,	$1 25	$10 00	$75 00
10 to 12 ft., 2 to 2½ in. cal.,	1 50	12 50	100 00
12 to 14 ft., 2½ to 3 in. cal.,	2 50	20 00	

Double White Japanese Cherry. CERASUS SIEBOLDI, VAR. ALBA PLENA. (M) Bears a wealth of large white cherry blossoms.

	Each	10
to 8 ft.	$1 25	$10 00

Double Pink-Flowering Japanese Cherry, VAR. ROSEA PLENA. (M) Similar to the above, with pink flowers.

	Each	10
4 to 5 ft.	$1 25	$10 00

Cladrastis

Yellow Wood. CLADRASTIS TINCTORIA; SYN. VIRGILIA LUTEA. (S) A pretty little tree, with smooth, light bark and graceful branches, that bear drooping racemes of sweet-scented, white Wistaria-like flowers in June.

	Each	10
6 to 8 ft.	$1 50	$12 50

CORNUS. DOGWOOD

See Shrubs also, page 41

White Dogwood. CORNUS FLORIDA. (D) Of inestimable value in landscaping. The white-petaled flowers cover the trees in early Spring. The deep crimson Autumn leaves rival in brilliancy the Scarlet Oak. For planting in quantity with shrubs, for screens or under and among larger trees, nothing is finer. A hardy tree and good grower in almost any soil.

		Each	10	100
6 to 8 ft.	Extra fine stock.	$2 00	$17 50	$150 00
8 to 9 ft.		2 50	20 00	175 00

Weeping Dogwood, VAR. PENDULA. (D) A weeping form of the preceding, with similar flowers.

3 to 4 ft.	$1 75 each
6 to 8 ft. specimens	$5 00 to $8 00 each

Red or Pink-Flowering Dogwood, VAR. RUBRA. (D) Possesses the many good qualities of Cornus Florida, and resembles it in all but the flowers, which are a beautiful shade of pink.

	Each	10
2 to 3 ft.	$1 50	$12 50
3 to 4 ft.	1 75	15 00

FAGUS. THE BEECHES

THESE are among the most attractive ornamental trees for lawn or park plantings. They are also useful for high screens or as specimens. Hardy, and rarely subjected to insect ravages. The deep dark red leaves of the purple variety, the delicately cut foliage of the fern-leaved and the grotesqueness of the Weeping Beech are characteristics meriting their more general use.

American Beech. FAGUS FERRUGINEA. (L) Our native forest tree.

	Each	10
5 to 6 ft.	$2 50	$20 00
6 to 8 ft.	3 50	30 00

European Beech. FAGUS SYLVATICA. (L) A compact, long-lived tree. The foliage is dense and darker green than the American Beech. The dead leaves hang all Winter, and make this one of the very best trees for screens and hedges to shut off unsightly objects. It is also appropriate for individual planting.

		Each	10
6 to 8 ft.	Low branched and bushy.	$4 00	$35 00
8 to 10 ft.		5 00	45 00
10 to 12 ft.		7 50	60 00
		Each	
12 to 16 ft.		$10 00 to $20 00	

Fern-Leaf Beech, VAR. HETEROPHYLLA. (S) Deep, delicately cut foliage. A splendid lawn specimen.

	Each	10
3 to 4 ft.	$2 00	$17 50

Weeping Beech, VAR. PENDULA. (M) Beautiful weeping habit.

	Each
4 to 5 ft.	$3 00
5 to 6 ft.	3 50

Purple, or Copper Beech, VAR. PURPUREA. (L) A strong, vigorous tree, with beautiful purple leaves in the Spring, that fade through the Summer until they become almost green.

	Each	10
4 to 5 ft.	$1 50	$12 50
5 to 6 ft.	2 50	22 50
	Each	
6 to 8 ft.	$4 00 to $6 00	

Rivers' Purple Beech, VAR. RIVERSII. (L) This variety holds its purple color a little longer in the Summer.

	Each
5 to 7 ft.	$3 00 to $5 00

FRAXINUS. ASH TREES

Quick-growing, inexpensive shade trees that naturally make handsome, symmetrical specimens that are suitable for almost all landscape work, especially lawn and avenue planting. In the Fall the foliage turns a brilliant yellow

American White Ash. FRAXINUS ALBA. (L) This grand old native is quick in growth, with massive trunk and broad, spreading limbs. It is valued for timber, shade or street planting.

	Each	10	100
8 to 10 ft., 1 to 1¼ in. cal.	$1 25	$10 00	$75 00

European Ash. FRAXINUS EXCELSIOR. (L) Taller and more rounded than the American, with larger, darker leaves, which remain on the tree late in the Fall. It thrives in moist ground.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$50 00

Weeping Ash, VAR. PENDULA. An odd tree, with low head of long, horizontal and drooping branches. Makes a unique appearance when planted individually about the lawn.

	Each	10
8 to 10 ft., large heads	$3 50	$32 50

Black Ash. FRAXINUS NIGRA; SYN. SAMBUCIFOLIA. (L) Good foliage and broad, open heads make this a desirable shade tree.

	Each	10
8 to 10 ft., 1¼ to 1½ in. cal.	$1 25	$10 00
10 to 12 ft., 1½ to 2 in. cal.	1 50	12 50

European Flowering Ash. FRAXINUS ORNUS. (S) A small ornamental tree, that bears great masses of fringe-like flowers in June, filling the air with a sweet fragrance.

	Each	10
7 to 8 ft.	$1 25	$10 00

Ginkgo

See Salisburia, page 34.

Gleditschia. Locusts

Honey Locust. GLEDITSCHIA TRICANTHUS. (L) A hardy, well-known tree, with strong thorns. Its neat, attractive habit suits it for lawn planting, and its ability to withstand shearing enables it to be used for strong hedges.

	Each	10	100
6 to 7 ft.	$0 50	$4 00	$30 00
10 to 12 ft.	2 50	20 00	

Thornless Honey Locust, VAR. INERMIS. (L) Otherwise it is similar to the above.

	Each	10	100
6 to 7 ft.	$0 50	$4 00	$30 00

Gymnocladus. Coffee Tree

Kentucky Coffee Tree. GYMNOCLADUS CANADENSIS. (L) A clean, stout shade tree, desirable for street and lawn planting. Its odd, tropical looking foliage is handsome and graceful. It seems immune from disease, and in Winter the blunt, twigless branches give it an individuality which is all its own.

	Each	10	100
10 to 12 ft., 1¾ to 2 in. cal.,	$1 50	$12 50	$100 00
12 to 14 ft., 2 to 2½ in. cal.,	2 00	17 50	150 00

Juglans. The Walnuts

Some of these are quite ornamental, especially our familiar native, the **Black Walnut.** It is hard to transplant, but a grand tree when established. The **Butternut,** or **White Walnut,** is also a good shade tree. For prices of Walnuts, see under Nut Trees.

Kœlreuteria

Japanese Varnish Tree. KŒLREUTERIA PANICULATA. (D) A small, attractive tree, with showy panicles of yellow flowers in July. Grows easily almost anywhere.

	Each	10	100
5 to 6 ft.	$1 00	$7 50	$70 00

Larix. Larch

European Larch. LARIX EUROPÆA; SYN. LARIX DECIDUA. (M) A quick-growing tree, with light green needle-like leaves in very early Spring. In the Fall they turn yellow.

	Each	10
4 to 5 ft.	$1 25	$10 00

Liquidamber. Sweet Gum

Sweet Gum. LIQUIDAMBER STRYACIFLUA. (M) A native tree of rapid growth. It is of medium height; has a narrow, pyramidal head, is hardy and grows well in either dry or damp soil. The bark is corky, and the beautiful, glossy green, star-shaped leaves make a cooling shade in Summer; but in Autumn its foliage varies from bright red to the darkest crimson.

	Each	10	100
6 to 7 ft.	$1 50	$12 50	$100 00

	Each
14 to 16 ft., 4 to 5 in. cal. specimens,	$5 00 to $10 00

Quick-growing; long-lived; immune from insects; a rare combination of virtues found in the Tulip Poplar, or Liriodendron, described and listed on the opposite page. Our illustration shows the even development of young trees used in lawn planting; also the flowers.

Liriodendron. Tulip Poplar

Tulip Tree, or Tulip Poplar. LIRIODENDRON TULIPIFERA. (L) A grand native tree of rapid growth, that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green, glossy and dense. It flowers freely in June, producing numerous creamy yellow, fragrant tulip-like flowers. We have an unusually fine stock this year of trees splendidly suited for lawn or avenue planting. See illustration on opposite page.

	Each	10	100
10 to 12 ft., 1¾ to 2¼ in. cal.	$2 00	$15 00	$135 00
12 to 14 ft., 2¼ to 2¾ in. cal.,	3 00	25 00	200 00

THE MAGNOLIAS

THEIR lavish profusion of large and beautiful flowers, their fragrance, richness of foliage and stately, tropical aspect place the Magnolias easily first among flowering trees. Planted in groups, their Spring inflorescence is grand beyond description; as lawn specimens or against an evergreen foil, their large, glossy foliage and shapely outline make them beautiful anywhere. They thrive in any good soil, but like best one that is warm, rich and moderately moist. Plant in Spring to insure best results.

American Magnolias

Cucumber Tree. MAGNOLIA ACUMINATA. (M) A symmetrical lawn or avenue tree, with handsome foliage. Yellowish-green flowers in June, and scarlet cucumber-shaped seed vessels later.

	Each	10
6 to 8 ft.	$1 50	$12 50
8 to 10 ft.	2 00	17 50

Sweet Bay. MAGNOLIA GLAUCA. (S) The native Sweet Bay of our swamps, whose fragrant white flowers in June are much admired. Its glossy, laurel-like leaves remain green until late in the Fall.

	Each	10
3 to 4 ft.	$2 00	$15 00

Magnolia Tripetala. UMBRELLA TREE. (M) Bright, shining leaves, 1 to 1½ feet long, with flowers 4 to 6 inches in diameter in June.

	Each	10
5 to 6 ft.	$1 25	$10 00

Oriental Species of Magnolia and Their Hybrids

These varieties retain their lower branches more than American sorts, thus assuming bush-like proportions. They flower earlier and more profusely. We recommend Spring planting for all Magnolias, and carry our stock accordingly, so that in the Fall our assortment of varieties and grades is apt to be broken and purchasers will do well to name a second choice.

Magnolia alba superba. (S) Beautiful white flowers. This variety is easier to raise than the more expensive white-flowering variety, "Conspicua," which it closely resembles, so we are using it in preference to the other, which we still have, however.

	Each	10
4 to 6 ft.	$3 00	$25 00

Chinese White Magnolia. MAGNOLIA CONSPICUA; SYN. YULAN. (S) The earliest to flower.

	Each	10
4 to 6 ft.	$3 50	$30 00

One of the Chinese Magnolias. They flower in earliest Spring and are then one of the most beautifully conspicuous objects in the landscape.

Other varieties of Magnolia described on page 30

Magnolia Kobus. THURBER'S MAGNOLIA. (M) One of the hardiest kinds. It has an even, symmetrical development, branching from the ground, and splendid shining green leaves that are attractive all the season. In May fragrant white flowers appear and last longer than those of most kinds.

	Each	10	100
3 to 4 ft.	$1 75	$15 00	$125 00
5 to 8 ft., bushy specimens	$6 00 to $10 00 each		

The Oriental Plane is a tree of rapid growth, and well suited to city and suburban planting. A good lawn or street tree.

Lenne's Magnolia. MAGNOLIA LENNEII. (S) This remarkable tree blooms in May, and frequently again in late Summer. Its flowers are dark rose without and pearly white within. It is a strong grower, that makes a grand display when in flower.

	Each	10
4 to 6 ft.	$3 00	$25 00

Magnolia parviflora. (VD) June. White flowers with crimson centers. Rare and desirable.

3 to 4 ft., heavy bushes	$5 00 each

Magnolia purpurea; syn. obovata. (D) A late flowering sort of bushy habit, with deep purple flowers.

	Each	10
2½ to 3 ft.	$1 50	$12 50

Soulange's Pink Magnolia. MAGNOLIA SOULANGEANA. (S) Among the hardiest and finest of the foreign varieties. The large purple and white flowers are a familiar and gorgeous sight in Springtime, and attractive anywhere.

	Each	10
4 to 6 ft.	$3 00	$25 00

var. Alexandrina. (S) Blooms a few days earlier, otherwise similar to the above.

	Each	10
4 to 6 ft.	$3 00	$25 00

Magnolia speciosa. (S) Flowers a little smaller and later than M. Soulangeana, otherwise the same.

	Each	10
4 to 6 ft.	$3 00	$25 00

Hall's Japanese Magnolia. MAGNOLIA STELLATA; SYN. HALLEANA. (VD) Dwarf and bushy. It blooms earlier than other variety and its semi-double, white star-like flowers are delicate and fragrant. Its many splendid qualities adapt it for specimen planting, where a small tree is required.

	Each	10
3 to 4 ft.	$3 50	$30 00

Morus. Mulberries

The fruiting varieties are listed under Fruit Trees.

Teas' Weeping Mulberry. MORUS NIGRA, VAR. TARTARICA PENDULA. Requires but two or three years to develop into a handsome weeping tree that will ornament any lawn. The pendulous branches sweep the ground in shining lengths. One of the best weeping trees in cultivation.

	Each	10
5 to 6 ft., good heads	$2 00	$15 00
Larger trees	$4 00 to $7 50 each	

Nyssa. Sour Gum

Sour Gum. NYSSA SYLVATICA; SYN. MULTIFLORA. (M) A native tree, especially liked for the gorgeous scarlet coloring of its foliage in early Autumn.

	Each	10
4 to 5 ft.	$2 00	$17 50

Paulownia

Empress Tree. PAULOWNIA IMPERIALIS. (M) This is an odd-looking tree, with immense leaves that often measure 18 inches across, and in June bears long panicles of purplish flowers. Odd and desirable for decorative effects.

	Each
6 to 8 ft.	$1 50

Persica. Flowering Peaches

Little trees that wrap themselves in rich clouds of fragrant bloom early in Spring. They mature rapidly and resemble the fruit-bearing peach.

Price of each of the following:

	Each	10
4 to 5 ft.	$0 50	$4 00

Double White-Flowering Peach. PERSICA VULGARIS, VAR. ALBA PLENA. (D).

Purple-Leaved Peach, VAR. FOLIIS PURPUREIS. (D).

Double Red-Flowering Peach, VAR. SANGUINEA PLENA. (D).

Phellodendron

Chinese Cork Tree. PHELLODENDRON AMURENSE. (M) A tropical-looking tree, with long, pinnate foliage, similar to that of an Ailanthus. It is hardy as far north as Massachusetts, grows rapidly when young, forms a low, round head. Withstands heat and drought.

	Each	10
10 to 12 ft., 2 to 3 in. cal.	$3 50	$30 00
12 to 14 ft., 3 to 3½ in. cal.	6 00	50 00

Very fine and heavy specimens.

Platanus. Plane or Buttonwood

Oriental Plane. PLATANUS ORIENTALIS. (L) The Plane is among our tallest trees; grows rapidly into massive proportions; is hardy and remarkably free from disease. It is a great favorite for streets, parks or lawns; does well in most soils; withstands the smoky atmosphere of cities, and thrives near the seashore. See illustration, page 30.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.,	$1 50	$12 50	$100 00
10 to 12 ft., 1½ to 2 in. cal.,	2 00	17 50	150 00
12 to 14 ft., 2 to 2½ in. cal.,	3 00	27 50	

POPULUS. THE POPLARS

THESE trees grow fast, are quickly effective and cheap. They thrive in almost any soil and withstand well the smoke and gases of city streets. Where quick shade or temporary effects are desired, Poplars are much used.

Populus alba, var. Bolleana. BOLL'S POPLAR. (L) In habit, resembles the Lombardy Poplar, but leaves are silvery white beneath.

	Each	10
10 to 12 ft., 1½ to 1¾ in. cal.	$1 75	$15 00
12 to 14 ft., 1¾ to 2 in. cal.	2 00	17 50

White or Silver-Leaved Poplar, VAR. NIVEA. (L).

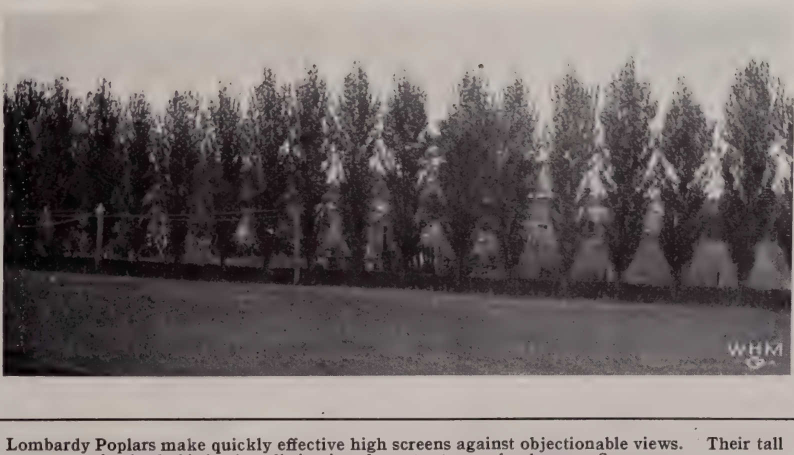
	Each	10
12 to 14 ft., 2 to 2½ in. cal.	$2 00	$17 50

Balsam Poplar. POPULUS BALSAMIFERA. (L) Often planted for the delightful odor of the buds.

	Each	10
8 to 10 ft.	$0 75	$6 00

CAROLINA POPLAR. POPULUS MONILIFERA; SYN. DELTOIDES. (L) The heart-shaped leaves are glossy and fresh-looking. Withstands well conditions under which many trees die. Largely planted in cities, and for quick effects about new buildings. It is a sure and rapid grower.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.,	$0 75	$6 00	$50 00
10 to 12 ft., 1½ to 2 in. cal.,	1 00	7 50	60 00
12 to 14 ft., 2 to 2½ in. cal.,	1 50	12 50	100 00
14 to 16 ft., 2½ to 3 in. cal.,	2 50	20 00	150 00
18 to 20 ft., 3 to 4 in. cal.,	4 00	35 00	
20 to 24 ft., 4 to 5 in. cal.,	6 00	50 00	



Lombardy Poplars make quickly effective high screens against objectionable views. Their tall slender habit lends a distinctive character to any landscape. See page 32.

LOMBARDY POPLAR. Populus nigra, var. fastigata; syn. P. Italica nigra. (L) A tall, columnar form that is in contrast to the more rounded outline of other trees. It branches from the ground and is much used where a tall hedge is wanted as a screen. Especially valued for formal effects. See illustration, page 31.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.,	$1 00	$7 50	$60 00
10 to 12 ft., 1½ to 1¾ in. cal.,	1 50	12 50	90 00

Populus trichocarpa. (M) A rapid-growing new variety, with heavy, glossy leaves that have a silvery under surface.

	Each	10	100
8 to 10 ft., 1½ to 2 in. cal...	$1 00	$7 50	$50 00
10 to 12 ft., 2 to 2½ in. cal..	1 50	12 50	100 00

The White Oak (Quercus alba) is long-lived and while young grows as rapidly as most trees, and it is one of the best for lawn and avenue purposes. This year we offer some handsome, well-formed specimens, which, if planted now, will in four or five years be like those shown in this picture.

Prunus

For trees sometimes described under this head, see Cerasus, page 26. For the shrubby varieties of Prunus, see page 51.

Pyrus. Flowering Crab Apples

Hardy little flowering trees, that bloom abundantly in Spring. Their double fragrant flowers are always enthusiastically remarked upon.

Sweet-Scented Crab. Pyrus coronaria. (S).

	Each	10
4 to 5 ft........................	$1 00	$8 00

Pyrus flexilis. (D) Pinkish-white flowers. Yellow fruit in Autumn.

	Each	10
6 to 8 ft........................	$2 00	$17 50

Flowering Crab. Pyrus floribunda. (S) Rosy red flowers in May, and attractive fruit in the Autumn.

	Each	10
4 to 6 ft........................	$0 75	$6 00

Bechtel's Double-Flowering Crab. Pyrus Ioensis, var. Bechtelii. (S) Bears masses of double rose-like flowers of delicate pink color and most delightful fragrance.

	Each	10
3 to 4 ft........................	$0 75	$6 00

Parkman's Double-Flowering Crab. Pyrus Parkmanii. (D) A beautiful little tree, to be planted singly or in groups about the lawn. At the close of April it sends forth clusters of dark rose-colored buds that open into beautiful little rosy white flowers of exquisite fragrance.

	Each	10
5 to 6 ft........................	$1 50	$12 50

Chinese Double-Flowering Crab. Pyrus spectabilis. (S) One of the best; bearing in May fragrant white flowers that are coral red when only in bud.

	Each	10
4 to 6 ft........................	$0 75	$6 00

QUERCUS. THE OAKS

THESE grand trees, possessing so many virtues, do not grow slowly, as it is often supposed. Their great vigor and hardihood enable them to withstand the drought of hillsides and the caustic influence of sea spray. Their broad, spreading heads make them desirable shade trees for lawns, parks, public grounds and avenues. The brilliant Autumnal coloring of some species is everywhere commented upon. Our Oaks are frequently transplanted, and when thus cared for, are not difficult to establish.

White Oak

Quercus alba. (L) A well-known grand old native tree, with broad, spreading head. It grows easily in most any soil, and, contrary to general belief, does not grow slowly. Seldom requires trimming or attention, and will reach a ripe old age. Well adapted for lawn and park plantings or for avenue use. Our trees have been frequently transplanted, and are in splendid condition for planting.

	Each	10	100
10 to 12 ft., 2 to 2½ in. cal.,	$3 00	$25 00	
12 to 14 ft., 3 to 3½ in. cal.,	5 00	40 00	350 00
14 to 16 ft., 3½ to 4 in. cal.,	6 00	50 00	450 00
16 to 18 ft., 4 to 5 in. cal.....	$8 00 to $12 00 each		

Avenue of Pin Oaks (Quercus palustris). One of the quickest growing Oaks and best trees for a lawn or avenue planting.

Scarlet Oak. QUERCUS COCCINEA. (L) Valued for the sparkling red of its Autumn foliage.

	Each
8 to 10 ft.	$2 25

Mossy Cup Oak. QUERCUS MACROCARPA. (L) Of massive open growth, with large, heavy leaves and deeply corrugated bark. The cups of the large acorns are curiously fringed as with gray moss. Among the noblest of all the species.

	Each	10
10 to 12 ft., 2 to 2½ in. cal.	$3 00	$25 00
14 to 16 ft., 3 to 4 in. cal.	$10 00 to $15 00 each	

Pin Oak

QUERCUS PALUSTRIS. (L) A tree of especial grace and beauty; it is the most popular of all Oaks; unsurpassed as lawn specimens, admired for avenues, and withstands well the unnatural conditions of our cities. As the tree grows, the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the Fall. We have a fine stock of these desirable trees that have recently been transplanted and are in splendid condition for planting now. See illustration above.

	Each	10	100
8 to 10 ft., 1¼ to 1¾ in. cal.,	$2 00	$17 50	$150 00
10 to 12 ft., 1¾ to 2¼ in. cal.,	2 50	22 50	200 00
16 to 20 ft., 2¼ to 3 in. cal.	4 00	35 00	
20 to 24 ft., 3 to 4 in. cal.	$5 00 to $10 00 each		

Prices of larger trees upon application.

Chestnut Oak

QUERCUS PRINUS. (L) One of the quickest-growing Oaks, forming a broad, open tree. Distinctive because the leaves so closely resemble those of a Chestnut. Should be used more frequently on lawns and roadsides. In Autumn, the leaves turn shades of scarlet bronze and yellow.

	Each	10	100
10 to 12 ft., 1¾ to 2 in. cal.	$2 00	$17 50	
14 to 16 ft., 2¼ to 2¾ in. cal.,	3 00	25 00	$225 00
16 to 18 ft., 2¾ to 3¼ in. cal.,	5 00	40 00	300 00

English Oak. QUERCUS ROBUR; SYN. PEDUNCULATA. (L) A spreading, long-lived tree, with leaves that are dark green and smaller than those of our native species. Well adapted for lawn and public grounds.

	Each	10	100
8 to 10 ft., 1¾ to 2½ in. cal.,	$2 00	$17 50	$150 00
16 to 18 ft., 2½ to 3 in. cal.	3 50	30 00	250 00
18 to 20 ft., 3 to 4 in. cal.	5 00	40 00	350 00
20 to 22 ft., 4½ to 5 in. cal.	$7 50 to $10 00 each		

Pyramidal Oak, VAR. FASTIGATA. (D).

	Each	10
4 to 5 ft.	$2 00	$17 50
5 to 6 ft.	3 00	

Red Oak. QUERCUS RUBRA. (L) A large native tree, with deeply cut, bright green leaves. It is a good grower and not particular about the soil. In Autumn the foliage turns a rich purplish-crimson, that is scarcely surpassed in brilliancy by any other tree.

	Each	10	100
10 to 12 ft., 1¾ to 2¼ in. cal.,	$3 00	$25 00	$200 00
12 to 14 ft., 2¼ to 2½ in. cal.,	3 50	30 00	250 00
14 to 16 ft., 2½ to 3 in. cal.	5 00	40 00	

Robinia

Rose Acacia. ROBINIA HISPIDA. (VD) Panicles of rose-colored flowers in May.

	Each
4½ to 5 ft., large grafted heads	$3 50

Black Locust. ROBINIA PSEUDACACIA. (L) A familiar tree of rapid growth, that thrives in any place. The pinnate foliage is light and airy. In June the tree is fragrant with panicles of white flowers, and very ornamental. Its growth is rapid. The timber is so durable that it is valued for commercial purposes.

	Each	10	100
6 to 8 ft.	$0 75	$6 00	$50 00
8 to 10 ft., 1¼ to 1½ in. cal.,	1 00	7 50	60 00

Salisburia. Ginkgo

Ginkgo or Maidenhair Tree. SALISBURIA ADIANTIFOLIA. (M) This tree is remarkable as a deciduous member of the Pine family, with odd-shaped leaves that resemble those of the Maidenhair Fern; but its value lies in the fact that it is immune from the ordinary attacks of insects, and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds, and useful for street planting. Of medium height, pyramidal in growth, sparsely branched, and of characteristic irregular outline.

	Each	10
8 to 10 ft., 1¼ to 1¾ in. cal.	$1 50	$12 50
10 to 12 ft., 1¾ to 2 in. cal.	2 00	17 50
12 to 14 ft., 2 to 2½ in. cal.	2 50	22 50

SALIX. THE WILLOWS

A LARGE family which embraces varied forms, and includes some of our most common and ornamental trees. They are hardy throughout the temperate zone. Willows will grow almost anywhere, and need not necessarily be planted beside streams and waterways, as is commonly supposed. They mature so quickly that they are very satisfactory to plant for quick effects. The golden-barked varieties are especially interesting and attractive in Winter, when the leaves have left their brilliant branches.

White Willow. SALIX ALBA; SYN. REGALIS. (M) Upright habit; strong grower and very hardy; slender, light gray branches, and narrow, silvery gray leaves. Well suited for quick-growing mass plantings or for wet soils.

	Each	10
4 to 5 ft.	$0 75	$5 00
6 to 8 ft.	1 25	10 00

Weeping Willow. SALIX BABYLONICA. (M) This is the well-known Weeping Willow, whose long, pendulous branches droop so gracefully and sway to the lightest breeze. Makes an admirable shade tree, and grows well in wet or dry places.

	Each	10	100
8 to 10 ft., 1¼ to 2 in. cal.,	$1 50	$10 00	$80 00
10 to 12 ft., 2 to 2½ in. cal.,	2 00	15 00	125 00

The Weeping Willows with their long, slender, swaying branches are especially suited to water-side planting; they also grow well, and are appropriate for upland use.

Ring-Leaved Willow, VAR. ANNULARIS. (M) It possesses the same weeping habit as the *S. Babylonica.* The leaves are darker green, and curl exactly like a ram's horn. A desirable, attractive and interesting tree.

	Each	10
10 to 12 ft., 1¾ to 2 in. cal.	$2 00	$15 00
12 to 14 ft., 2 to 2½ in. cal.	2 50	20 00

Wisconsin Weeping Willow, VAR. DOLOROSA. (M) Very similar to the Babylonian Weeping Willow, but hardier in our coldest States.

	Each	10	100
6 to 8 ft.	$1 00	$7 50	$50 00
8 to 10 ft., 1½ to 2 in. cal.	1 25	9 00	65 00
10 to 12 ft., 2 to 2½ in cal.,	1 50	12 50	90 00

Goat, or Pussy Willow. SALIX CAPREA. (S) A quick-growing shrubby tree, which is pretty in the first warm days of Spring, with a multitude of small, fur-like catkins along its branches. Often called "Pussy Willow."

	Each	10	100
6 to 8 ft.	$1 00	$7 50	
8 to 10 ft.	1 75	15 00	$125 00

Kilmarnock Willow, VAR. PENDULA. (D) A curious umbrella-shaped form, with silvery gray leaves. Our stock has been grafted on stems 4 or 5 feet in height, and make attractive little trees, covered in Spring with soft, fur-like catkins.

	Each
2-year heads	$1 50

THURLOW'S WEEPING WILLOW. SALIX ELEGANTISSIMA. (M) In our nurseries, where we have had opportunity to observe all of these Willows, we find this variety the strongest, most vigorous grower. In general appearance it is almost identical with the Babylonian types. We highly recommend it.

	Each	10	100
10 to 12 ft., 2 to 2½ in. cal.,	$2 00	$15 00	$125 00
12 to 14 ft., 2½ to 3 in. cal.,	2 50	20 00	160 00
14 to 16 ft., 3 to 3½ in. cal.,	3 50	27 50	225 00

Rosemary Willow. SALIX INCANA; SYN. ROSMARINIFOLIA (D) A handsome, odd-looking tree or bush, with rounded head and slender twigs.

	Each	10	100
4 to 5 ft., bushy	$1 00	$7 50	$60 00
3-year large heads, grafted,	2 00		

Bay, or Laurel-Leaved Willow. SALIX PENTANDRA. (S) Has broad, dark green, glossy leaves, that shine conspicuously in the sunlight. A strong grower at the seashore, along water-edges or on high ground.

	Each	10	100
5 to 6 ft.	$0 75	$6 00	$50 00
6 to 8 ft.	1 25	10 00	75 00

Purple Osier, or New American Willow. SALIX PURPUREA, VAR. PENDULA. (D).

	Each	10
2-year heads, grafted	$1 50	$12 50

Russian Yellow-Barked Willow. SALIX RUSSIAN. (M) Strong, hardy grower, with golden twigs, tinted with red at the ends.

	Each	10
8 to 10 ft.	$1 25	$10 00

Golden-Barked Willow. SALIX VITELLINA, VAR. AUREA. (M) Grows into a massive, low-headed tree. Light green leaves and brilliant golden bark, that is particularly bright in the leafless months of Winter. It makes a fine specimen, with a personality that other trees do not possess.

	Each	10	100
5 to 6 ft.	$0 75	$6 00	$50 00

Weeping Golden-Barked Willow, VAR. AUREA PENDULA. (M) The bright golden branches of this Willow weep gracefully in long, swaying lengths. It grows rapidly in low or upland places, and endures abuse or neglect. It is rare, but so desirable that we urge its more general use.

	Each	10	100
10 to 12 ft., 1½ to 2 in. cal.	$1 25	$10 00	$75 00
12 to 14 ft., 2¼ to 2¾ in. cal.,	1 50	12 50	100 00
14 to 16 ft., 2¾ to 3¼ in. cal.,	2 50	20 00	175 00
16 to 20 ft., 3¼ to 4 in. cal.,	5 00	40 00	

var. glauca. (S) A tree we brought from Europe several years ago. It has slender branches, and small, narrow green leaves that are silvery beneath. The bark is slatish-gray. A good tree or large bush for moist places and water-side plantings.

	Each	10	100
5 to 6 ft.	$0 50	$4 00	$30 00
6 to 8 ft.	1 00	7 50	50 00

Sassafras

Sassafras officinale. (S) Our familiar native that is so gorgeous in the Fall, with its brilliant coat of crimson and yellow.

	Each	10
5 to 6 ft.	$1 25	$10 00

Our trees and shrubbery have been used in making this secluded nook for the quiet enjoyment of a Summer-house in a small suburban back yard.

Sophora

Japan Pagoda Tree. SOPHORA JAPONICA. (D) Small, shining green leaves. In August, when there are few other flowers, this is showy with clusters of creamy-white bloom. The wood of young twigs is olive-green.

	Each	10
3 to 4 ft.	$1 00	$7 50
6 to 7 ft.	2 50	

Weeping Pagoda Tree, VAR. PENDULA. (D).

	Each
4 to 6 ft.	$1 50

Sorbus. Mountain Ash

Mountain Ash. SORBUS (PYRUS) AUCUPARIA. (S) A tree of neat habit, with attractive compound leaves. Flat corymbs of white flowers in May, succeeded in July by showy clusters of orange-red berries that hold a long time.

	Each	10
8 to 10 ft.	$1 50	$12 50

Weeping Mountain Ash, VAR. PENDULA. (D) Foliage similar to the above, but the habit remarkable for its odd drooping branches.

	Each	10
5 to 7 ft., 3-year; very good heads,	$3 00	$25 00

Oak-Leaved Mountain Ash, VAR. QUERCIFOLIA; SYN. HYBRIDA. (M) Flowers and fruit like those of the European Ash. Leaves shaped like those of an Oak.

	Each	10
6 to 7 ft.	$1 50	$12 50

Taxodium. Bald Cypress

Deciduous, or Bald Cypress. TAXODIUM DISTICHUM. (L) Grows rapidly and thrives well in damp or dry soils. Very beautiful when in full leaf, with its fleecy, light green, cheerful foliage. It is a remarkably tall, narrow-headed tree, of conical outline, that is popular for ornamental specimens and formal planting.

	Each
6 to 7 ft.	$2 00

Weeping Bald Cypress, VAR. PENDULA. (M).

	Each
7 to 8 ft., heavy	$3 50

Tilia. Linden or Lime

American Linden, or Basswood. TILIA AMERICANA. (M) A rapid-growing native, that develops into a large, broad, open-headed tree. The large, heart-shaped leaves cast a dense shade. It is hardy and grows in almost any soil. In Spring it has small, yellow flowers, that fill the air with fragrance. One of the best shade trees for lawn planting. Also desirable for street and avenue. See illustration below.

	Each	10	100
12 to 14 ft., 2½ to 3 in. cal.,	$3 50	$30 00	$250 00
14 to 16 ft., 3 to 4 in. cal.	5 00	45 00	400 00

Silver-Leaved Linden. TILIA ARGENTEA; SYN. TOMENTOSA. (M) The silvery white leaves glisten in the sunlight, and contrast beautifully with other trees.

	Each	10
12 to 14 ft., 2½ to 3 in. cal.	$3 50	$32 50

Crimean Linden. TILIA DASYSTYLA. (M) Dark glossy leaves. In Winter the young twigs are attractive with bright green bark, distinct and desirable.

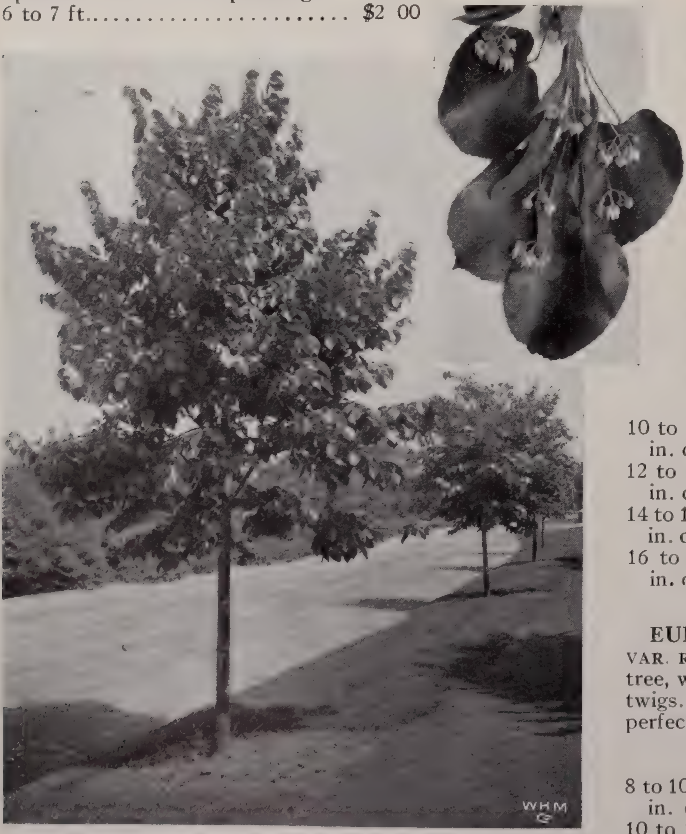
	Each	10
10 to 12 ft., 1¼ to 1½ in. cal.	$2 50	$20 00

BROAD-LEAVED EUROPEAN LINDEN. TILIA PLATYPHYLLOS. (M) The head of this tree is not so open as that of the American species; leaves the same size, but rough. The small flowers open at least a week earlier in Spring. In other respects it possesses characteristics similar to all Lindens.

	Each	10	100
10 to 12 ft., 1½ to 2 in. cal.	$2 00	$17 50	
12 to 14 ft., 2 to 2¼ in. cal.	2 50	22 50	
14 to 16 ft., 2¼ to 2½ in. cal.	3 00	25 00	$200 00
16 to 18 ft., 2½ to 3 in. cal.	4 00	35 00	300 00

EUROPEAN LINDEN. TILIA VULGARIS, VAR. RUBRA. (M) A symmetrical, compact tree, with heart-shaped leaves and red-barked twigs. Familiar in all foreign landscapes, and perfectly adapted to our own climate.

	Each	10	100
8 to 10 ft., 1½ to 1¾ in. cal.	$2 00	$17 50	$150 00
10 to 12 ft., 1¾ to 2 in. cal.	2 50	22 50	200 00
12 to 14 ft., 2 to 2½ in. cal.	3 50	30 00	250 00



The American Linden (Tilia Americana) is popular for almost all purposes. Our 14 to 16 foot trees, listed on this page, will give at once the results shown here.

Did you read pages 20 and 21?

ULMUS. THE ELMS

IN landscape planting the Elm is generally useful. It is of massive proportions, long-lived, and the branches spread into graceful arches that support a drooping canopy of foliage. The heads are so open that electric wires do not injure them, a desirable feature of all street trees. It is extensively used for wide lawns, parks or public grounds, over which they cast their cooling shade.

AMERICAN ELM. Ulmus Americana. (L) This familiar tree, which arches many New England streets, grows well in other sections. Its rapid growth and especial grace make it unsurpassed for urban and suburban planting.

	Each	10	100
8 to 10 ft., 1¼ to 1½ in. cal.,	$1 75	$15 00	$125 00
10 to 12 ft., 1½ to 2 in. cal....	2 50	20 00	175 00
12 to 14 ft., 2 to 2½ in. cal...	3 50	30 00	
14 to 16 ft., 2½ to 3 in. cal...	5 00	40 00	
16 to 18 ft., 3 to 4 in. cal. ...	$6 00 to $10 00 each		

English Elm. Ulmus campestris. (L) Equally fine and imposing, and is just as useful as our native variety. Holds its leaves a longer time than the American sort.

	Each	10	100
8 to 10 ft., 1½ to 1¾ in. cal.,	$2 00	$17 50	$150 00
10 to 12 ft., 1¾ to 2¼ in. cal.,	2 50	22 50	
14 to 16 ft., 3 to 4 in. cal.	$6 00 to $10 00 each		

Broad-Leaved English Elm, var. latifolia. (L).

	Each	10
8 to 10 ft., 1¼ to 1½ in. cal......	$1 75	$15 00
12 to 14 ft., 2½ to 3 in. cal........	5 00	
16 to 20 ft., 4 to 6 in. cal. ..	$7 50 to $12 00 each	

Monumental Elm, var. monumentalis. (L) Leaves similar to the better-known English Elm, and not so likely to be attacked by insects as our native Elm. Tall, erect grower.

	Each	10
12 to 14 ft., 2½ to 3 in. cal........	$4 00	$35 00

Ulmus scabra, var. dovæi. (M) Upright and vigorous grower, similar to the English Elm.

	Each	10
10 to 12 ft., 2 to 2½ in. cal......	$3 00	$25 00

Huntingdon Elm. Ulmus scabra, var. Huntingdoni. (L) Clean, smooth bark; erect, stately habit. Not as subject to attacks of insects as some kinds, and one of the very best ornamental trees for any purpose.

	Each	10	100
10 to 12 ft., 1½ to 1¾ in. cal.,	$1 75	$15 00	$125 00
14 to 16 ft., 2½ to 3 in. cal.,	5 00	40 00	
16 to 18 ft., 3 to 4 in. cal. ..	$7 50 to $10 00 each		

Camperdown or Weeping Elm, var. pendula. Its branches grow outward and downward in odd, interesting forms, which, when covered with its handsome dark green leaves, forms a shady, tent-like canopy. Beautiful as a specimen on any lawn.

	Each	10
5 to 6 ft., strong 3 year heads	$3 50	$32 50
5 to 6 ft., strong 5 year heads	5 00	

A planting furnished by us which gives a certain privacy to the front door of this dwelling. No. 1, Lombardy Poplar, page 32. No. 2, Barberry Hedge, page 40. No. 3, American Linden, page 36. No. 4, Catalpa Bungei, page 26.

A shrubbery planting made with stock from our Nurseries.

DECIDUOUS SHRUBS

WHETHER planted individually or collectively, the shrub is an important feature in the adornment of any grounds. There are locations which suggest the planting of individual shrubs, which are allowed space for symmetrical development, and in such locations their grace and beauty cannot be surpassed. In groups they can be made to emphasize some feature of the lawn, to screen some unsightly object or to destroy the strong, stiff lines of foundation walls. At the edges of the lawn, along walks and drives, or in distant corners, a collection of shrubs may be gathered that will give a succession of bloom from the opening of Spring until frost comes to destroy the flowers. Shrubs with purple and yellow leaves should be added, to give character and contrast to the planting. When the leaves have gone, the brilliant fruits of other species and bright, conspicuous bark of certain shrubs add variety and interest to the monotony of Winter.

The assortment we offer includes varieties suited to every purpose, and our strong, well-rooted plants produce immediate effects that are not possible with smaller and lighter sizes.

Special prices will be made on shrubs in large quantities.

Shrubs that usually grow over 12 feet are marked (L); from 8 to 12 feet, (M); from 6 to 8 feet, (S); 3 to 6 feet, (D); and 3 feet and below, (VD).

Æsculus

Æsculus parviflora; syn. Pavia macrostachya. DWARF HORSE CHESTNUT. (L) July. A broad, large shrub of great beauty.

	Each	10
1½ to 2 ft.	$0 75	$6 00

Amelanchier

Amelanchier vulgaris. EUROPEAN SERVICE BERRY, OR JUNEBERRY. (M) April. Racemes of small white flowers; followed by blue-black berries. Well suited for wild and natural effects.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00

Amorpha

Amorpha canescens. LEAD PLANT. (D) June. Blue flowers in dense terminal panicles. Prefers a sunny, well-drained position. Interesting in any planting of shrubbery.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$18 00

Amorpha frutiscosa. FALSE INDIGO. (L) Terminal panicles of pretty, odd and attractive bluish-purple flowers in July.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

Amygdalus. Almonds

Amygdalus communis, var. alba flore pleno. WHITE-FLOWERING ALMOND. (M) Erect, slender branches, covered in May with small, very double and fragrant white flowers.

	Each	10
2 to 3 ft.	$0 35	$3 00
3 to 4 ft.	50	4 00

A. communis, var. rubra flore pleno. RED-FLOWERING ALMOND. (M).

	Each	10
2 to 3 ft.	$0 35	$3 00

Andromeda

Andromeda Mariana. LILY-OF-THE-VALLEY SHRUB. (VD) A neat little plant, with bright green leaves, valuable in groups and at the front of shrubberies. In early Spring it is fragrant with small, waxy white flowers.

	Each	10
1½ to 2 ft.	$0 50	$4 00

Aralia

Aralia pentaphylla; syn. Acanthopanax pentaphyllum. (M) Splendid for rocky banks, slopes and mass plantings. Slender, prickly branches. Shining green leaves. Luxuriant, lustrous foliage until late Autumn.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	3 50	25 00

A. spinosa. Hercules' Club. (L) A native, with stout, thorny branches. Leaves 1 to 3 feet long. Very ornamental, but odd. Grows quickly in any soil. Enormous panicles of white flowers in August.

	Each	10
4 to 6 ft.	$0 50	$3 50
6 to 8 ft.	75	6 00

Azaleas

Among the most gorgeous and best-flowering plants in cultivation. They are useful in all landscape work, and can be employed in bedding or massing, and particularly in connection with Rhododendrons and Kalmias, or wherever a natural effect is desired. The native kinds grow well in heavy, moist soil; all are partial to shady places. After the flowering season is over, remove the seed-pods to increase the next season's bloom.

Flowers of Azalea Mollis. This and all the varieties of Azalea are thickly covered with showy flowers in Spring or early Summer. The varieties Mollis and Pontica have the most gorgeous flowers.

Azalea amœna. The handsome little evergreen variety, which is fully described and listed among "Evergreen Shrubs," on page 16. This variety is also very suitable to associate with Deciduous Shrubs in beds and borders.

A. arborescens. Fragrant White Azalea. (M) Flowers white, tinged with rose and very fragrant. A good native variety.

	Each	10	100
1½ to 2 ft.	$1 00	$7 50	$60 00

Azalea calendulacea. Flame Azalea. (S) May and June. Almost scentless, but gorgeous, with a multitude of large orange-yellow or fiery red flowers, that last a long time.

	Each	10	100
1½ to 2 ft.	$0 75	$6 00	$50 00

A. mollis. Chinese Azalea. (D) This little plant is literally covered with bloom in April or May. The flowers are larger than those of some other Azaleas. The bloom shows a multiplicity of color in shades of red, yellow and white. See illustration below.

	Each	10	100
1½ to 2 ft.	$1 25	$10 00	$80 00

A. nudiflora. Pinxter Flower, or Wood Honeysuckle. (S) A native, fond of moist places, and beautiful in May, with pinkish white flowers.

	Each	10
1½ to 2 ft.	$0 75	$6 00

A. pontica. Ghent Azalea. (D) April. This species is unequaled for brilliancy and variety of color. The habit is very similar to *A. mollis;* the flowers not quite so large or perfect; the colors possibly a little more delicate; an especially pretty sort to plant among beds of Rhododendrons and other broad-leaved evergreens.

	Each	10	100
1½ to 2 ft.	$1 25	$10 00	$80 00

A. Vaseyi. Southern Azalea. (S) Rosy white flowers. April.

	Each	10	100
2 to 2½ ft.	$1 25	$10 00	$80 00

A. viscosa. White Azalea. (S) June and July. Fragrant white flowers, shaded with rose. Grows in moist or dry ground.

	Each	10	100
1 to 1½ ft.	$0 75	$6 00	$50 00

Baccharis

Baccharis halmifolia. Groundsel Tree, or Salt Bush. (M) September. Desirable for Autumn and Winter effects, because of the beautiful crop of cotton-like seed vessels that cover it when so little else is attractive. Grows rapidly anywhere, and is especially suited for seaside planting.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
4 to 5 ft.	50	3 50	25 00

Benzoin

Benzoin odoriferum; syn. Lindera benzoin. Spice Bush. (M) March and April. As soon as frost goes, the leafless branches are clothed with small, yellow flowers, succeeded later by scarlet berries. Splendid shrubs for mass effects in natural plantings, and well adapted for planting in wet or moist soils.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

BERBERIS. THE BARBERRIES

A VALUABLE group of small shrubs, admired for their foliage and brilliant fruits, that cling along the leafless branches at a time when few other shrubs are attractive. They can be grown in dry and shady places, as well as in other locations. The dense habit, slender, thorny branches and ability to withstand clipping make the Barberries invaluable for low hedges and boundaries. They are much admired for the front of shrubberies, for groups and wherever small shrubs are desired. Plant in Spring or Fall.

Berberis hackadata. (D) A remarkably vigorous-growing sort, with handsome, dark green foliage. It is one of the best.

	Each	10	100
2½ to 3 ft.	$0 35	$2 50	$18 00

B. ilicifolia. HOLLY-LEAVED BARBERRY. (S) May. A splendid variety, with almost evergreen foliage.

	Each	10	100
2 to 3 ft., bushy	$0 75	$6 00	$50 00

Thunberg's Japanese Barberry

B. Thunbergii. (S) May. Invaluable little shrub that fits in with almost every planting. Will grow just about anywhere, and has handsome foliage of tiny, bright green, oval leaves, that turn the most brilliant shades of orange and red in the Fall. The slender, graceful branches, which are protected by small thorns, are lined with little scarlet berries of great attractiveness from early Autumn well into the Winter. See illustration below.

	Each	10	100	1000
1 to 1½ ft.	$0 20	$1 50	$12 00	$100 00
1½ to 2 ft.	25	2 00	15 00	125 00

B. vulgaris. COMMON BARBERRY. (S) May. An erect, sturdy grower, with light green, prickly leaves. Clusters of golden yellow flowers, later dark red berries that last throughout the Winter.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00
2 to 2½ ft.	35	2 50	18 00

Berberis vulgaris, var. purpurea. PURPLE BARBERRY. (S) May. Habit similar to the above. The foliage is dark purple throughout the season, and on this account is one of the very best shrubs for foliage contrast.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2 to 3 ft.	35	2 50	18 00

Callicarpa

Callicarpa Japonica. (D) August. Similar to the familiar *C. purpurea;* not dependable as far north, but a better grower. Equally ornamental.

	Each	10	100
2 to 3 ft., bushy	$0 35	$2 50	$20 00

C. purpurea. (D) August. Slender branches, gracefully laden with tiny pink flowers, and later with a multitude of violet-colored berries. Valuable for late season effects and mass plantings.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

Calycanthus

Calycanthus floridus. ALLSPICE, OR SWEET SHRUB. (M) June. An old-fashioned shrub of strong, upright habit. Chocolate-colored flowers of delightful fragrance hide themselves among the broad, lustrous foliage. Thrives in open or shaded places. See illustration, page 41.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	18 00

Hedge of Thunberg's Japanese Barberry (Berberis Thunbergii) on a lawn planted with stock from our Nurseries.

Caragana

Caragana arborescens. SIBERIAN PEA TREE. (L) May. Bright yellow, pea-shaped flowers and graceful pinnate leaves.

	Each	10
2 to 3 ft.	$0 50	$4 00

Caryopteris

Caryopteris Mastacanthus. BLUE SPIREA, OR VERBENA SHRUB. (D) September. Valued most for the lateness of its blue flowers, which harmonize well in shrub or perennial plantings.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00

Cephalanthus

Cephalanthus occidentalis. BUTTON BUSH. (S) July to September. Ball-like clusters of white flowers. Bright, glossy foliage. Hardy, strong grower. Splendid for groups and masses in moist soils and at water-edges.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft., bushy,	50	3 50	25 00

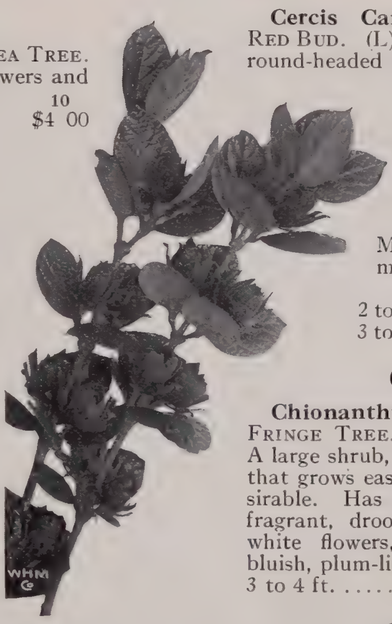
Cercidiphyllum

Cercidiphyllum Japonica. (L) A shrub or small tree, with handsome leathery foliage, that is especially ornamental. Turns bright yellow and scarlet in Fall.

	Each	10	100
4 to 5 ft.	$0 75	$6 00	$50 00
6 to 8 ft., splendid stock	1 50	12 50	100 00

Cercis. Judas, or Red Bud

Very early in Spring the leafless branches and twigs of these small trees or shrubs are clothed in a thick mist of delicate deep pink flowers. Planted among other early-blooming trees, they produce fine effects, or as single specimens are beautifully attractive. Their radiant flower masses are followed by glossy foliage.



Calycanthus or Sweet Shrub, a favorite in many old time gardens.

Cercis Canadensis. AMERICAN RED BUD. (L) Small, rapid-growing, round-headed tree or bush.

	Each	10	100
7 to 8 ft.	$1 00	$7 50	$60 00
8 to 10 ft.	1 50	12 50	100 00

Cercis Japonica. JAPAN JUDAS. (S) More dwarf; larger and more brilliant flowers.

	Each	10	100
2 to 3 ft.,	$0 50	$3 50	$25 00
3 to 4 ft.,	75	5 00	40 00

Chionanthus

Chionanthus Virginica. WHITE FRINGE TREE. (L) May and June. A large shrub, frequently a small tree, that grows easily, and is generally desirable. Has dark green leaves and fragrant, drooping, open, clusters of white flowers, succeeded by small, bluish, plum-like fruits.

	Each	10
3 to 4 ft.	$0 75	$6 00

Clethra

Clethra alnifolia. PEPPER BUSH. (S) July to September. A native woods plant, with fragrant white flowers. Well suited for moist places and water-edges.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

Colutea

Colutea arborescens. BLADDER SENNA. (L) June to September. A strong grower, with small foliage and yellow, pea-shaped flowers. The curious bronze-colored seed pods are inflated with air. The Colutea is not very particular about the soil it has to live in, but prefers a sunny location.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

CORNUS. THE DOGWOOD

DOGWOODS are strong growers in almost any soil, and are hardy from the warmer parts of Canada southward. They thrive nearly as well in shaded places as in the open ground. While the bush forms are not remarkable for their flowers, they are especially valued for the brilliant coloring of the bark, which is very attractive in the leafless months of Winter. Particularly suited for mass planting.

Cornus alba. (L) June. Similar to the variety described below and it also is splendidly adapted for mass or colony planting.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	
3 to 4 ft.	35	2 50	$20 00

var. Siberica. RED SIBERIAN DOGWOOD. (L) Umbels of white flowers in May. In Winter the naked, bright red branches are conspicuous even at long distances.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft.	50	3 50	25 00

Cornus Florida. For description and prices, look among trees, page 27.

C. glabra. (M) White fruits; dark red bark.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
5 to 6 ft., very bushy	75	5 00	35 00

C. mas; syn. mascula. CORNELIAN CHERRY. (L) April. Yellow flowers that are very ornamental and bright scarlet fruits in Autumn.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

C. Paniculata; syn. Candidissima. PANICLED DOGWOOD. (L) Erect grower. White flowers and white Autumn fruits.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

There are other varieties of the Cornus, or Bush Dogwood described on page 42

Cornus sanguinea. (M) May or June. Greenish-white flowers, followed in the Fall by small black berries. The purple or dark blood-red branches are beautiful in Winter.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	50	3 50	25 00

C. sericea; syn. amomum. SILKY CORNEL. (M) June and July. Dull red branches; leaves covered with silky down; fruit clusters light blue in late Fall. A native sort that frequents moist places. See illustration below.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	50	3 50	25 00

C. stolonifera. RED OSIER DOGWOOD. (M) May. Spreading habit; dark red bark and white berries.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

var. aurea. GOLDEN-TWIGGED DOGWOOD. (M) Conspicuous with bright yellow bark in Winter. Splendid for contrast effects.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

Berries of Silky Cornel (Cornus sericea). Most of the other Cornels or Cornus also have attractive fruits.

Corylus

Varieties of Corylus Avellana. (L) Instead of the familar European Hazel that we have offered in former years, we are this season offering the varieties of it as they are similar in general appearance to the parent form but have larger and better nuts and are equally as good for landscape effects.

	Each	10
3 to 4 ft.	$0 50	$4 00
5 to 6 ft.	1 00	$7 50

C. maxima, var. purpurea. PURPLE HAZELNUT. (L) We have no hesitancy in recommending this grand shrub as the best purple-leaved one in cultivation. It is comparatively immune from the attacks of insects, and throughout most of the season its rich purple foliage retains its color.

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$30 00
3 to 4 ft.	75	5 00	

Cotoneaster

Cotoneaster Simonsii. (D) June. Desirable for its small, handsome, half evergreen foliage. Grows into an erect, attractive bush; bears a wealth of small red berries that last most all Winter.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
5 to 6 ft., bushy	75	5 00	40 00

Cratægus. Hawthorn

The thorns are strong, hardy growers in almost any soil or climate. They are particularly bright and attractive when the Autumn foliage changes to brilliant colors. They flower abundantly in May and June, and are fragrant and showy. Some varieties have very ornamental fruits, which make pleasing Fall and Winter decorations. Most kinds are capable of being sheared and may be trained into thick, dense hedges, which their thorns make almost impenetrable.

Cratægus coccinea. SCARLET THORN. (L) A useful, hardy native, with white flowers in April or May, succeeded later by scarlet fruits.

	Each	10
10 to 12 ft., bushy	$1 50	$12 50

C. Crus Galli. COCKSPUR THORN. (M) Neat in appearance; strong growth; very hardy, and used for hedging and grouping. The thorny branches grow out horizontally. The leaves color brilliantly in Autumn. Bright scarlet or orange-colored fruits.

	Each	10	100
3 to 4 ft.	$0 75	$5 00	$40 00

C. oxycantha. ENGLISH HAWTHORN. (M) Well known in all English gardens and popular here. Bears clusters of single white, fragrant flowers in May, and later scarlet fruit.

	Each	10	100
4 to 5 ft.	$0 50	$3 50	$30 00

var. alba flore pleno. DOUBLE WHITE HAWTHORN. (L)

	Each	10
4 to 5 ft.	$0 75	$6 00

var, coccinea flore pleno. PAUL'S DOUBLE SCARLET THORN. (L) Covered in May with beautiful, fragrant, crimson flowers. Good foliage and generally desireable.

	Each	10
4 to 5 ft.	$0 75	$6 00

var. rosea flore pleno. DOUBLE PINK HAWTHORN. (L) Fragrant, double rose-colored flowers.

	Each	10
4 to 5 ft.	$0 75	$6 00

Cytisus

Cytisus Laburnum. GOLDEN CHAIN. (L) Bright in early Summer, with graceful racemes of golden wistaria-like flowers. Forms a neat, attractive tree or shrub.

	Each	10
6 to 7 ft.	$0 75	$6 00

Daphne

Daphne Mezereum; syn. rubra. (D) March. Fragrant red flowers.

	Each	10
1 to 1½ ft.	$1 00	$7 50

var. alba. (D) March. Fragrant white flowers.

	Each	10
1½ to 2 ft.	$1 00	$7 50

The flowers and habit of all the varieties of Deutzias are similar to these, the principal difference being in the color of the bloom. Deutzias are one of the best flowering shrubs.

DEUTZIAS

A FAMILY of profuse-flowering shrubs; generally hardy and well adapted to most soils. Useful for shrubberies, groups or specimens, and the smaller kinds are also desirable for forcing.

Deutzia crenata, var. candidissima. Double White Deutzia. (M) June. A vigorous grower, with double white flowers, borne in panicles.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft., very bushy	50	3 50	25 00
5 to 6 ft., very bushy	75	5 00	35 00

var. fortunei. (M) The individual flowers are larger than some other kinds.

	Each	10	100
3 to 4 ft., very bushy	$0 35	$2 50	$20 00
4 to 5 ft., very bushy	50	3 50	25 00

var. Pride of Rochester. (M) Last of May. Equally as robust as the above, with larger panicles of bloom. Double white flowers, with under side of petals rose.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft., very bushy	50	3 50	25 00
5 to 6 ft., very bushy	75	5 00	35 00

var. rosea plena. Double Pink Deutzia. (M) June. The flowers are tinged with soft pink. Exceedingly dainty and beautiful.

	Each	10	100
3 to 4 ft., very bushy	$0 35	$2 50	$20 00
4 to 5 ft., very bushy	50	3 50	25 00

Deutzia crenata, var. Watereri. (M) Single, pink, bell-shaped flowers.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
5 to 6 ft., very bushy	75	5 00	35 00

var. Wellsi. (M) June. Double white flowers tinged with pink.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft., very bushy	50	3 50	

D. gracilis. Dwarf Deutzia. (D) May. An old-fashioned dense shrub; blooms in shaded as well as sunny places. Single, pure white flowers.

	Each	10	100
1 to 1½ ft.	$0 25	$2 00	$15 00

var. rosea. (D) May. Single, pink flowers.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$20 00

var. venusta. (D) May. Long spikes of single, pure white flowers that closely resemble those of an azalea.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$20 00

D. Lemoinei. Lemoine's Deutzia (D) May. A popular bush, with snow-white flowers borne abundantly along the slender branches.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

Deutzia Lemoinei, var. compacta. (D) Similar to *D. Lemoinei*, on page 43, but of a more compact habit.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$15 00
2 to 2½ ft.	35	2 50	20 00

Deutzia scabra. ROUGH-LEAVED DEUTZIA. (M) June. Clusters of single, white-bell-shaped flowers.

	Each	10	100
4 to 5 ft., very bushy	$0 50	$3 50	$25 00

DIERVILLA. THE WEIGELIAS

AN important group, indispensable for ornamental planting. They thrive in any soil, are strong growers and generally hardy. When young, of upright habit, growing with age into more graceful shrubs. Useful as specimens, and desirable for groups or masses. In May or June the Weigelias are aglow with a wealth of flowers, borne all along their branches, and some varieties flower sparingly even through the Summer. See illustration on opposite page.

Diervilla floribunda, var. Lavellei. (M) June. Deep crimson flowers, that last a long time.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., bushy	50	3 50	25 00
5 to 6 ft., very bushy	75	5 00	35 00

D. Florida; syn. rosea. (S) May or June. A strong, symmetrical grower, with good foliage. Blooms profusely; some flowers are delicate pink, others rose, and some few almost white.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	3 50	25 00

var. amabilis. (S) May or June. Flowers similar to the above, habit more open and graceful. It is not so well known, but more desirable than its parent, *D. Florida*.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft., bushy	50	3 50	25 00
4 to 5 ft., very bushy	60	4 00	30 00

var. candida. (M) June. Erect grower. The only kind we have with pure white flowers.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00
6 to 7 ft., very bushy	1 00	7 50	

var. nana variegata. (M) June. The golden, variegated leaves hold their color well. An excellent shrub for color contrast. Bears innumerable pale pink flowers, and is highly desirable. It will grow almost anywhere.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
3 to 4 ft., very bushy	50	4 00	30 00

var. versicolor. (M) June. The leaves are attractively margined with silvery markings. One of the best variegated shrubs. Flowers greenish white, changing later to crimson.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
3 to 4 ft.	50	4 00	30 00

D. Japonica, var. rubra; syn. Hortensis rubra. (M) June. Light crimson flowers. A robust, rapid grower.

	Each	10	100
6 to 7 ft., very bushy	$1 00	$7 50	$50 00

D. sessifolia, syn. lutea. (S) A distinct and desirable variety that has different yellow flowers, which come at the close of June, after other kinds have quit blooming.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00

Diervilla Hybrids

These flower at the close of May, and occasionally through the Summer. They bloom as lavishly and grow as vigorously as the parent forms, attaining a height of from 5 to 8 feet.

Desboisi. Deep rose-colored flowers.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00
4 to 5 ft., very bushy	75	5 00	

Ducharte. Large flowers, dark red.

	Each	10
3 to 4 ft.	$0 50	$3 50
4 to 5 ft., very bushy	75	5 00

Eva Rathke. The best red-flowered kind; almost a continual bloomer.

	Each	10	100
2 to 3 ft., bushy	$0 35	$3 00	$22 50
3 to 4 ft., bushy	50	4 00	30 00

Gustave Mallet. Light pink, bordered with white.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., bushy	50	3 50	25 00
4 to 5 ft., very bushy	75	5 00	30 00

Hendersoni. Compact habit; pink flowers.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

Stelzneri. Rosy pink flowers that are very similar to the well-known variety *D. Florida*.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., very bushy	75	5 00	30 00

Symondsi. Rose and white flowers, beautifully contrasted.

	Each	10	100
3 to 4 ft., bushy	$0 50	$3 50	$25 00

Van Houttei. Pink and white flowers; profuse bloomer.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
4 to 5 ft., very bushy	75	5 00	30 00

Dirca

Dirca palustris. LEATHERWOOD. (L) March. Yellow flowers. Good for moist places.

	Each	10
7 to 8 ft.	$1 25	$10 00

Eleagnus

Eleagnus longpipes; syn. edulis. JAPANESE OLEASTER, OR SILVER THORN. (D) May. Silver leaves. Profusion of scarlet berries in July.

	Each	10
2 to 3 ft.	$0 50	$3 50
3 to 4 ft.	75	5 00

E. umbellata. (M) The flowers are yellowish-white and fragrant; the fruit scarlet and showy.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00

E. parviflora. SMALL-LEAVED SILVER THORN. (M) Silvery white fragrant flowers. Pink berries in late summer.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

Euonymus

A large group of evergreen and deciduous shrubs, that show a wide diversity of character. For the evergreen species, see chapter on Evergreen Shrubs, page 16; also under Vines, page 65.

Euonymus Bungeanus. (M) Rapid grower, with yellow fruits. Bright Autumn foliage; splendid for mass effects.

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00
4 to 5 ft.	35	2 50	20 00

Euonymus elatus. CORK-BARKED EUONYMUS. (M) Scarlet foliage and bright red berries in the Fall. Curious, corky bark.

	Each	10	100
3 to 4 ft., bushy	$2 00	$15 00	$125 00

E. Europæus. EUROPEAN BURNING BUSH. (L) May. Most attractive in Autumn, when covered with orange-scarlet seed vessels.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

var. atropurpureum. (L) Bright autumn foliage and fruits.

	Each	10
6 to 7 ft., bushy	$1 00	$7 50

Exochorda

Exochorda grandiflora. PEARL BUSH. (M) May. Beautiful when covered with fragrant clusters of pure white, starry flowers that are sometimes an inch in diameter. Admired in all collections, and especially adapted for individual planting.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00

The Diervillas, or Weigelias as they are often called, are very showy at the close of May when their long slender branches are heavily laden with a profusion of bloom. Often they flower again later in the Summer.

Forsythia. Golden Bell

Familiar hardy shrubs that burst into bloom as Winter is leaving. The bright golden yellow, star-like flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season. The "Golden Bell" grows easily, and is ornamental in leaf as well as flower. They are useful for almost any purpose, but indispensable in groups and masses.

Forsythia fortunei. FORTUNE'S FORSYTHIA. (M) Erect branches and handsome broad, dark green leaves.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft., bushy	50	4 00	30 00
5 to 6 ft., bushy	75	5 00	35 00

var. aurea variegata. (M) Leaves mottled with yellow, otherwise like the above.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00

F. intermedia. (L) April. Slender, erect or arching branches; narrow leaves and vigorous grower.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft., bushy	50	4 00	30 00

F. suspensa. (M) Characterized by the graceful drooping habit. Frequently planted as an individual specimen as well as in masses and for covering arches and trellises.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	50	3 50	25 00

Forsythia Viridissima. (M) April. Erect shoots, spreading branches and bright, glossy green narrow leaves.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., bushy	50	4 00	30 00

var. variegata. (M) Similar to the above, with variegated leaves.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
4 to 5 ft., bushy	50	4 00	

Halesia

Halesia Tetraptera. (L) Drooping branches, laden in early Spring with fragrant white flowers resembling Snowdrops. Grows in most any good soil and in shaded places. Is useful, though not reliably hardy, north of New York.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00

Hamamelis

Hamamelis Virginica. WITCH-HAZEL. (L) October. A strong grower in any soil, but succeeds best in moist places. Remarkable for small, odd, yellow flowers that open just as its leaves are brightening with Autumn tints. Hardy in Canada. Valuable for massing and wild effects.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
5 to 6 ft., bushy	75	5 00	35 00

HIBISCUS SYRIACUS. Althea, or Rose of Sharon

FAMILIAR shrubs, deserving of more popularity than they receive. Altheas will grow almost anywhere, from Ontario southward, and their abundance of bloom comes at a comparatively flowerless time—from July to September. There is a wide diversity of color in the flowers of different varieties, though all of the plants are of the same upright character, and usually grow from 8 to 12 feet in height. They should be used in every shrubbery border, are valuable as specimens, and make beautiful screens and hedges. Altheas are really one of the best deciduous flowering hedge plants, forming a thick, stout bush, when properly sheared and trained; such a hedge may be kept at any desired height.

See below, names and descriptions of some of the best varieties, with sizes that we can supply.

PRICES OF HIBISCUS, EXCEPT WHERE OTHERWISE NOTED

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft.	50	3 50	25 00
5 to 6 ft.	75	5 00	35 00
6 to 7 ft.	1 00	7 50	40 00

Admiral Dewey. White. 2 to 3 ft.

Alba plena. White, with cherry-red center. 5 to 6 ft.; 6 to 7 ft.

Amplissima. Rosy red; early bloomer. 4 to 5 ft.

Ardens. Purplish blue. 2 to 3 ft.; 5 to 6 ft.; 6 to 7 ft.

Boule de Feu. Double red. 3 to 4 ft.; 4 to 5 ft.

Comte de Haimont. Pink. 2 to 3 ft.; 6 to 7 ft.

Double Rouge. Very double; dark red. 4 to 5 ft.; 5 to 6 ft.

Duc de Bretegne. Shaded rose; nearly pink, 4 to 5 ft.

Duchess de Brabant. Similar to Duc de Brabant; reddish lilac. 2 to 3 ft.; 4 to 5 ft.; 5 to 6 ft.

Elegantissima. White shaded with rose. 4 to 5 ft.

Folia variegata. One of the best variegated-leaved shrubs, but not conspicuous in flower.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$18 00
2½ to 3 ft.	40	3 00	20 00
3 to 4 ft.	50	3 50	25 00

VARIETIES OF HIBISCUS OR ALTHEAS —Continued

Grandiflora superba. White, shaded to pink and carmine. 4 to 5 ft.

Joan of Arc. Pure white; very double. 2 to 3 ft.; 5 to 6 ft.

Lady Stanley. White, shaded rose. 5 to 6 ft.

Leopoldi plena. Dwarf; early bloomer; white flowers. 2 to 3 ft.; 5 to 6 ft.

Luteola plena. Double white. 3 to 4 ft.

Monstrosa. Very large; white flowers. 2 to 3 ft.; 5 to 6 ft.

Pæoniflora. White, with cherry-red center; very floriferous. 5 to 6 ft.

Purpurea simplex. Single purple. 5 to 6 ft.

Rubis. The darkest red of the single Altheas. 2 to 3 ft.

Totus albus simplex. Large, single, pure white.

	Each	10	100
2 to 2½ ft.,	$0 35	$2 50	$18 00
2½ to 3 ft.,	50	3 00	20 00

Van Houttei. White, with red center. 4 to 5 ft.; 5 to 6 ft.

Hippophæ

Hippophæ rhamnoides. Sea Buckthorn. (M) A hardy shrub that endures exposure and the unfertile soils of sandy and barren places.

	Each	10	100
2 to 3 ft...	$0 35	$2 50	$18 00

Hibiscus or Althea. From July to September, when little else is in flower, these bloom abundantly. There are many colors in our large assortment of varieties.

Hypericum. St. John's Wort

Hypericum aureum. (D) July to September. A stiff, dense shrub that bears abundant yellow flowers at a time when little else is blooming. Hardy as far north as Massachusetts; grows well in moist, stony ground and shaded places. A small plant, useful at the front of shrubbery borders.

	Each	10	100
2 to 3 ft.................	$0 35	$2 50	$20 00

H. Kalmianum. (D) Hardy and suited to dry or exposed positions. Bright, attractive foliage.

	Each	10	100
2 to 3 ft.................	$0 35	$2 50	$20 00

H. Moserianum. Gold Flower. (VD) June until frost. A low, creeping plant, with bright green leaves that make a pretty setting for the golden yellow flowers. Well suited for shrubbery and perennial beds.

	Each	10	100
1 to 1½ ft...............	$0 25	$2 00	$15 00

Jasminum

Jasminum nudiflorum. Yellow Jasmine. February or March. Hardy only in sheltered places north of Philadelphia; admired for its yellow flowers in the first warm days of Spring.

	Each	10	100
2 to 3 ft.................	$0 35	$2 50	$20 00

Jasminum officinale. Jessamine. Not quite so hardy as the former, but it is popular in the South, where its fragrant white flowers blossom in Summer.

	Each	10	100
2 to 3 ft.................	$0 50	$3 50	$25 00

Kerria, or Corchorus

Shrubs with tender, bright green branches that are ornamental even when divested of leaves. They grow in almost any soil, and do well in open or shaded places. All varieties have attractive foliage, and are invaluable at the front of shrubberies or in groups by themselves. Orange-yellow flowers are borne abundantly in May and sparingly through the Summer.

Kerria Japonica (simplex). (S) Single flowers. Very floriferous.

	Each	10	100
2 to 3 ft.................	$0 50	$3 50	$25 00

var. argentea variegata. (S) A desirable silvery variegated form, useful for contrasts.

	Each	10	100
2 to 3 ft.................	$0 50	$3 50	$25 00

var. flore pleno. Globe Flower. (S) Similar to *K. Japonica* in appearance, with double rosette-like flowers.

	Each	10	100
3 to 4 ft.................	$0 50	$3 50	$25 00

SINGLE PANICLED HYDRANGEA
(*Hydrangea paniculata*)

GREAT PANICLED HYDRANGEA
(*Hydrangea paniculata grandiflora*)

The Great Panicled Hydrangea, shown here, was sent out from our nurseries four years ago and was, at that time, the same size as our 4 to 4½ ft. plants offered here at 75 cents each. Look at the results obtained in this short time.

HYDRANGEA

NO class of shrubs is better known than the Hydrangeas, because they include some of the most showy flowering plants that are found in cultivation. They grow easily, have no insect enemies, and, with the exception of the Hortensis varieties, are reliably hardy. A crowning feature is that they bloom during the comparatively flowerless months of July to September.

Hydrangea arborescens. (S) June and July. A bushy plant from our native woods, with corymbs of white flowers. It is the most hardy of Hydrangeas, and particularly desirable for planting in shady places.

	Each	10	100
3 to 4 ft.; bushy	$0 50	$4 00	$30 00

var. grandiflora sterilis. HILLS OF SNOW. (S) June and July. A new variety having immense pure white flowers.

	Each	10
2 to 3 ft.	$0 75	$5 00

H. hortensis, var. monstrosa. (D) Blue; larger flowers than the familiar *H. Otaksa*, mentioned below.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

var. Otaksa. (D) June to August. The pink, or blue Hydrangea so frequently seen in tubs and vases; heavily laden with numerous large, round flower-heads.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

var. ramulis pictis. (D) Flowers pink or blue; branches purplish black.

	Each	10	100
1 to 1½ ft.	$0 35	$2 50	$20 00

var. Thomas Hogg. (D) June to August. Similar to *Otaksa*, with large white flowers.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

Hydrangea paniculata. (M) August to September. Foliage and habit similar to the better-known great-panicled Hydrangea. Flowers in loose, open clusters. Splendid for shrubberies. See illustration.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., bushy	50	3 50	25 00
4 to 5 ft., very bushy	75	5 00	35 00

Great-Panicled Hydrangea

var. grandiflora. GREAT-PANICLED HYDRANGEA. (M) From July to September there is no shrub more showy than this favorite Hydrangea, whose branches are bent beneath the weight of huge white flower clusters. As the season advances, the flower panicles change to tints of pink and red. Always dependable. See illustration.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., bushy	50	3 50	25 00
4 to 4½ ft., bushy	75	5 00	35 00
Tree form			
3½ to 4 ft.	75	6 00	50 00

H. quercifolia. OAK-LEAVED HYDRANGEA. (S) August. Flat flower clusters in August, and gorgeous foliage in Autumn. These features, together with the interesting shape of leaf and attractive habit, make this Hydrangea one of the best decorative shrubs.

	Each	10	100
1½ to 2 ft.	$0 50	$4 00	$30 00

LIGUSTRUM. PRIVET

A GROUP of ornamental shrubs, including, besides the California Privet, some most desirable plants. The Privets are not particular as to soil, and they grow rapidly in open places or beneath the shade of trees. In shrubbery borders and masses, their good qualities can be appreciated, as well as in the hedges by which they are best known. They are seldom attacked by insects; withstand shearing, and can be kept at any height or clipped into artificial shapes.

Ligustrum Amurense. AMOOR PRIVET. (L) More hardy than the California Privet. Erect habit; small leaves, that are dark, lustrous green, and remain until long after snow comes. On this account, if for no other reason, they would be desirable. Fine for hedges, mass plantings and general use.

	Each	10	100	1000
1½ to 2 ft.	$0 25	$1 50	$10 00	$75 00
3 to 4 ft.	35	2 50	18 00	

L. ciliatum; syn. medium. (M) Spreading habit. One of the hardiest kinds. Drops its leaves early, revealing an abundance of black berries. Good for shrubberies.

	Each	10	100
2 to 2½ ft.	$0 25	$1 50	$12 00
3 to 4 ft., very bushy	35	2 50	20 00

Ligustrum Ibota

L. Ibota. (M) June and July. Arching habit; narrow leaves and fragrant white flower clusters. Reputed as being the hardiest of all Privets. Also a good hedge plant and a splendid shrub for decorative purposes on any lawn. Foliage turns a dark red in the Autumn.

	Each	10	100	1000
2 to 3 ft.	$0 25	$1 50	$10 00	
3 to 4 ft., bushy	50	3 50	18 00	$125 00

Ligustrum Regelianum

var. Regelianum. (S) Similar to the above; branches more dense and twiggy; they droop gracefully and give this variety a distinctly attractive appearance. In Autumn the foliage turns a bright red. This plant is unexcelled for shrubbery borders and masses, park plantings and hedges. See illustration.

	Each	10	100	1000
2 to 3 ft.	$0 25	$1 50	$10 00	$85 00
2 to 3 ft., very bushy,	35	2 50	15 00	100 00
3 to 4 ft., very bushy,	50	3 50	18 00	125 00

California Privet

California Privet (Ligustrum ovalifolium) (L). Widely known as a hedge plant; it is a vigorous grower anywhere, endures the unnatural conditions of cities, and is one of the best shrubs for seaside planting. The half-evergreen, glossy foliage and pure white flowers in July make it an ornamental shrub that is generally useful. Not reliably hardy north of Boston. See foot note.

	Each	10	100	1000
1 to 1½ ft.	$0 15	$0 50	$3 00	$20 00
1½ to 2 ft.	25	75	4 00	25 00
2 to 2½ ft., bushy	30	1 00	5 00	40 00
2½ to 3 ft., very bushy,	35	1 50	6 50	50 00
3 to 4 ft., very bushy,	40	2 50	10 00	65 00
4 to 5 ft., bushy	50	3 50	12 50	75 00

Globe form. Useful for producing formal effects.

	Each	10
1½ to 2 ft. x 1½ to 2 ft.	$0 75	$5 00

Ligustrum ovalifolium, var. aurea variegata. (M) A form with golden variegated leaves.

	Each	10	100
3 to 4 ft., bushy	$0 50	$4 00	$30 00

L. Siberica. (M) A form of doubtful nomenclature, but one of the hardiest kinds. It is similar, in most respects, to the others, and useful in much the same ways. We urge its more general use in colder climates and places where an inexpensive shrub is wanted to endure hardships.

	Each	10	100	1000
2 to 3 ft.	$0 25	$1 50	$7 50	$50 00
3 to 4 ft.	35	2 00	10 00	75 00

L. Sinense. (M) A Chinese variety of rapid growth and upright habit. Useful for hedges or mass planting.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$15 00

Lonicera. Honeysuckle

A varied genus, that includes vines and shrubs. For the vines, see page 66. The bush varieties are in demand for shrubbery groups and borders. They are hardy and grow easily. Their fragrant flowers are admired in Spring, but another attraction is the brilliant fruit that follows in the Summer and Fall.

Lonicera bella albida. (M) Bears a profusion of white flowers, followed by scarlet fruits that hang on a long while and make a grand showing. Strong, rapid grower.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

Regel's Privet (Ligustrum Ibota, var. Regelianum).

Lonicera Fragrantissima. (M) April. Small, creamy white flowers of a delightful fragrance, borne in profusion. The deep green foliage is retained until Winter. Makes a handsome specimen.

	Each	10	100
2 to 3 ft...	$0 35	$2 50	$20 00
3 to 4 ft...	50	4 00	30 00

Tartarian Honeysuckle (Lonicera Tartarica). The flowers of all its varieties are similar excepting in color.

Lonicera Morrowi. Japanese Bush Honeysuckle. (M) May. An open bush, with crooked branches, dark green leaves and small, white flowers. The red fruit is especially ornamental in August and lasts a long while.

	Each	10	100
2 to 3 ft..................	$0 25	$2 00	$15 00
3 to 4 ft..................	50	3 50	25 00
4 to 5 ft..................	60	4 00	30 00

L. Tartarica (rubra). Tartarian Honeysuckle. (S) May. A useful old-fashioned shrub, with slender, upright branches. Small, fragrant, pink, crimson or blush flowers, followed by attractive red or orange-yellow berries.

	Each	10	100
2 to 3 ft..................	$0 25	$2 00	$18 00
3 to 4 ft., bushy..........	50	3 50	25 00

var. alba. (S) White flowers alone distinguish it from the above.

	Each	10	100
2 to 3 ft..................	$0 25	$2 00	$15 00
3 to 4 ft., bushy..........	50	3 50	25 00

var. grandiflora. (S) Double pink flowers.

	Each	10	100
2 to 3 ft..................	$0 25	$2 00	$18 00
3 to 4 ft., bushy..........	50	3 50	25 00

Lonicera Tartarica, var. Virginica alba. (S) A form with white flowers. Similar in habit to the Tartarian varieties.

	Each	10	100
3 to 4 ft., bushy..........	$0 50	$3 50	$25 00

L. xylosteum. Fly Honeysuckle. (M) May. A shapely, erect bush, with distinct, dull green leaves. Inconspicuous yellowish white, fragrant flowers.

	Each	10	100
2 to 3 ft..................	$0 25	$2 00	$18 00
3 to 4 ft., bushy..........	50	3 50	25 00

Philadelphus. Mock Orange, or Syringa

Well-known shrubs of strong, vigorous habit, that will grow almost anywhere. They are desired for individual planting and for all shrubbery effects. Almost immune from insect enemies and always dependable. See illustration opposite.

Philadelphus Billardii. (M) June. Blooms a week or two later than other kinds. Is desirable for extending the season.

	Each	10	100
2 to 3 ft..................	$0 35	$2 50	$20 00
3 to 4 ft..................	50	3 50	25 00

P. cordifolius. (M) June. Adapted to drier soils; attractive, heart-shaped leaves. A handsome, strong-growing variety.

	Each	10	100
4 to 5 ft..................	$0 50	$4 00	$30 00

P. Coronarius. Garland Mock Orange. (S) May. A vigorous, hardy old favorite of erect, compact habit. Fragrant early white flowers.

	Each	10	100
2 to 3 ft., bushy..........	$0 35	$2 50	$20 00
3 to 4 ft., bushy..........	50	4 00	30 00

var. foliis aureis. Golden Mock Orange. (D) Flowers sparingly, but is admired for the golden foliage, which is bright throughout the Summer. A desirable edging to shrubberies.

	Each	10	100
1 to 1½ ft.................	$0 35	$2 50	$20 00
1½ to 2 ft.................	50	3 50	25 00

P. Deutzia flore pleno. (D) June. Double flowers.

	Each	10	100
2 to 3 ft..................	$0 35	$2 50	$20 00

P. grandiflora. (M) May or June. Forms a large, spreading bush, with graceful, drooping branches; a strong grower; flowers slightly fragrant. A common and desirable shrub.

	Each	10	100
2 to 3 ft..................	$0 25	$2 00	$15 00
3 to 4 ft., bushy..........	50	3 50	25 00
4 to 5 ft., very bushy.....	75	5 00	30 00

P. inodorus. Scentless Mock Orange. (M) June. Almost identical with the above.

	Each	10	100
5 to 6 ft..................	$0 50	$4 00	$30 00

P. Ketelerii. (M) May or June. Fragrant, double white flowers.

	Each	10	100
2 to 3 ft., bushy..........	$0 35	$2 50	$20 00
3 to 4 ft., bushy..........	50	3 50	

P. laxus. (M) Strong grower; large, fragrant flowers; very desirable. A new variety of unusual promise. Sometimes the flowers are 1½ inches across.

	Each	10	100
2 to 3 ft..................	$0 35	$2 50	$20 00
3 to 4 ft., bushy..........	50	3 50	25 00
4 to 5 ft., bushy..........	75	5 00	30 00

Philadelphus Lemoinei, var. erectus. (S) Distinguished by its smaller leaves. The flowers are smaller than the other varieties, but are very attractive.

	Each	10	100
2 to 3 ft., bushy.........	$0 50	$3 50	$25 00

var. Mont Blanc. (S) June. Upright growth; small leaves and fragrant flowers.

	Each	10	100
2 to 3 ft., bushy..........	$0 35	$2 50	$20 00
3 to 4 ft., bushy..........	50	3 50	25 00

P. Nepalensis. (M) June. Large flowers with an attractive background of light green leaves.

	Each	10	100
3 to 4 ft., bushy...........	$0 50	$3 50	$25 00

P. nivalis. (S) June. Small white flowers of exceptional purity.

	Each	10	100
4 to 5 ft., bushy.........	$0 50	$4 00	$30 00

P. pubescens. (M) June. Large, handsome leaves and scentless flowers.

	Each	10	100
3 to 4 ft..................	$0 50	$3 50	$25 00

Photinia

Photinia villosa. (L) June. White flowers in corymbs, succeeded by brilliant red fruits and bright Autumn foliage. Useful for natural and tall-growing mass plantings.

	Each	10
5 to 6 ft., bushy..................	$0 75	$6 00

Potentilla

Potentilla fruticosa. SHRUBBY CINQUEFOIL. (D) All summer its low-spreading branches are bright with yellow flowers and narrow, fuzzy leaves. Grows in dry or wet soils and stony places.

	Each	10	100
1½ to 2 ft., bushy........	$0 35	$2 50	$18 00

Prunus

Prunus besseyi. WESTERN SAND CHERRY, OR ROCKY MOUNTAIN DWARF CHERRY. (D).

	Each	10
3 to 4 ft., very bushy	$1 00	$7 50

P. Pissardi. PURPLE-LEAVED PLUM. (L) A little tree, with dark purple leaves that keep their lustrous coloring even through the Summer and Fall. Small, pinkish white flowers cover it.

	Each	10
4 to 5 ft.........................	$0 75	$5 00

P. Triloba. DOUBLE-FLOWERING PLUM. (M) April. A strong-growing hardy shrub, with delicate pink double flowers and slender branches. Very ornamental.

	Each	10
3 to 4 ft.........................	$0 50	$4 00

Ptelea. Hop Tree

Ptelea trifoliata. (L) June. Bright, shining foliage; clusters of white flowers, succeeded by an abundance of ornamental seed-vessels that cling tenaciously for a long while. Suited for mass planting.

	Each	10	100
3 to 4 ft.................	$0 35	$2 50	$20 00

Rhamnus

A group of large-growing shrubs or trees that are well suited for mass and border plantings, especially in public grounds, where subjected to abuse. Grows in city atmosphere and in partial shade. Have ornamental berries in the Autumn.

Rhamnus Caroliana. INDIAN CHERRY. (L) This variety sometimes attains a height of 30 feet, but its bushy, robust habit suits it well for screen and mass plantings of shrubbery.

	Each	10	100
7 to 8 ft., very bushy......	$1 00	$7 50	$60 00

The flowers of the familiar Mock Orange, or Philadelphus, are quite similar in all of the varieties. There are botanical differences, and some are more fragrant than others. The variety grandiflora, pictured here, is one of the best.

Rhamnus catharticus. Buckthorn. (L) June and July. A hardy shrub for poor soils, exposed and neglected places. Valued for hedges as well as shrubbery plantings.

	Each	10	100
4 to 5 ft.	$0 50	$3 50	$25 00
5 to 6 ft., bushy	60	4 50	30 00
6 to 8 ft., bushy	75	5 00	35 00

R. Frangula. Alder Buckthorn. (L) A large growing shrub having small glossy leaves. The red berries which later turn to black make it very attractive during the Summer months.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$18 00
4 to 5 ft.	50	3 50	22 50

Rhus. Sumac and Mist Tree

The old-fashioned Mist Tree, or Smoke Bush (Rhus Cotinus) is familiar on many old-time lawns; but the Sumacs, until lately, have not been extensively used. They are splendid subjects for mass plantings and natural effects, because they are hardy, strong growers and possessed of beautiful foliage. The leaves of the cut-leaved sorts are as delicate as ferns. In Autumn, they all turn most gorgeous colors.

Rhus aromatica. Fragrant Sumac. (M) A spreading bush, with attractive foliage that in Autumn turns a gorgeous crimson.

	Each	10	100
3 to 4 ft.	$0 50	$4 00	$30 00

The planting in this landscape was designed and furnished by us.

Rhodora

Rhodora Canadensis. (D) April. Showy rose and purple-colored flowers. Valued for shady places and all naturalistic plantings.

	Each	10
1 to 1½ ft.	$0 75	$6 00
2 to 2½ ft., clumps	1 00	7 50

Rhodotypus

Rhodotypus kerroides. White Kerria. (S) A highly desirable shrub for almost any purpose, growing in all soils, and succeeding as far north as Massachusetts. Resembles the Kerria in leaf and appearance. The graceful branches bear single white flowers in May, and sparingly through the Summer. Black berries follow in the Fall.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	25 00

R. Copallina. Black Sumac. (L) The latest flowering variety; yellow flowers and attractive foliage.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$20 00

R. cotinus. Mist, or Smoke Tree. Purple Fringe. (L) July. A familiar shrub in many old farmyards, that is most attractive in Summer, because of the light, airy or mist-like covering that panicles of ripening bloom present.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	3 50	
4 to 5 ft.	75	5 00	

R. glabra, var. laciniata. Cut-Leaved Sumac. (M).

	Each	10	100
2 to 3 ft.	$0 50	$4 00	$35 00

Ribes. Flowering Currants

Prized for their wealth of fragrant, small bright flowers in early Spring, and for their hardiness.

Ribes Alpinum. MOUNTAIN CURRANT. (S) Native of Europe and the Orient. Hardy. Flowers yellowish green.

	Each	10	100
1½ to 2 ft., bushy.......	$0 50	$3 50	$25 00

R. aureum. MISSOURI GOLDEN, OR BUFFALO CURRANT. (S) May. Golden yellow flowers.

	Each	10	100
3 to 4 ft................	$0 50	$3 50	$25 00

R. floridum. WILD BLACK CURRANT. (S) Pendulous racemes of greenish-white or yellow flowers.

	Each	10
3 to 4 ft........................	$0 50	$3 50

R. gordonianum. PINK-FLOWERING CURRANT. (M).

	Each	10	100
3 to 4 ft................	$0 50	$3 50	$25 00

Roses

The bush roses described on page 62 are frequently used in shrubbery groups and borders, and always show to advantage in such collections, especially the beautiful Japanese Rose (Rosa Rugosa). Look for it on page 62.

Rubus

Rubus odoratus. FLOWERING RASPBERRY. (M). A strong, hardy native shrub that is highly valued for wild and mass plantings. Also for banks and steep terraces, where it takes root and spreads rapidly. Endures shaded places

	Each	10	100
3 to 4 ft.	$0 25	$2 00	$15 00

Sambucus. Elder

Shrubs of strong growth and easy cultivation, that are ornamental in flower, fruit and foliage. Excellent for masses; desirable for wild effects, and valuable for shaded places.

Sambucus Canadensis. COMMON ELDER. (M) White flowers in June. Edible black berries in July and August.

	Each	10
3 to 4 ft.........................	$0 35	$2 50
5 to 6 ft., bushy.................	75	5 00

S. nigra, var. aurea. GOLDEN ELDER. (S) May. Attractive throughout the season, and gives a tone of contrast in all plantings. Probably the most showy golden-leaved shrub; retaining its color all Summer.

	Each	10	100
3 to 4 ft................	$0 35	$2 50	$20 00
4 to 5 ft., bushy.........	50	4 00	30 00
5 to 6 ft., bushy..........	75	5 00	40 00

var. laciniata. CUT-LEAVED ELDER. (M) One of the most attractive cut-leaved shrubs, having white flowers borne in flat clusters which are very attractive against their background of airy fern-like leaves.

	Each	10	100
2 to 3 ft................	$0 25	$2 00	$18 00
3 to 4 ft................	35	2 50	20 00
4 to 5 ft., bushy.........	50	4 00	30 00

var. variegata. VARIEGATED ELDER. (M) May. Silvery, variegated leaves.

	Each	10	100
3 to 4 ft................	$0 35	$2 50	$18 00
5 to 6 ft., very bushy.....	75	5 00	40 00

S. racemosus. (M) Attractive red berries in Summer.

	Each	10
3 to 4 ft.........................	$0 50	$3 50

SPIREA

Indispensable shrubs of easy culture, that differ so in size, character and time of bloom, that there are varieties suited to almost every purpose.

Spirea argentea; syn. canescens. (M) June to August. Panicles of white bloom; useful in the lower and wilder portions of the lawn.

	Each	10	100
2 to 3 ft................	$0 35	$2 50	$20 00

S. arguta. (D) Early May. A graceful bush, with innumerable small, white flowers that crowd along its slender branches and shine as snow through the light green feathery foliage. Leaves narrow, bright green, fading in Autumn, with brilliant tones of orange and scarlet.

	Each	10	100
3 to 4 ft................	$0 50	$3 50	$25 00

S. Billardii. (S) July to September. Sparsely twigged; erect branches, crowned with narrow, dense spikes of bright pink flowers. A strong grower; useful in shrubberies and for moist places and wild or natural plantings.

	Each	10	100
2½ to 3 ft...............	$0 25	$2 00	$18 00

Spirea Van Houttei. A most graceful and beautiful shrub, with a wealth of lovely flowers in May. Spirea Reevesiana is very similar.

Spirea Anthony Waterer, this variety bears flat clusters of pink flowers continually from July to September. Spirea Bumalda and Callosa are similar in form, differing in color.

Spirea Billardii, var. alba. (S) July to September. A white-flowering form of the preceding, that seems equally desirable.

	Each	10	100
4 to 5 ft., bushy..........	$0 50	$3 50	$25 00

S. Bumalda. (D) June until frost. A bushy plant, with good foliage, vigorous habit and abundant rosy-pink, flat flower-heads. Desirable as an edging to shrubberies.

	Each	10	100
1½ to 2 ft...............	$0 25	$2 00	$18 00
2 to 2½ ft., bushy......	50	3 50	25 00

var. Anthony Waterer. (D) June until frost. One of the most popular shrubs, possessing the characteristics and robust habits of the parent form, but with crimson flower-heads of a richer, brighter hue. Good foliage, frequently splashed with odd, though pretty yellowish-white markings. A beautiful edging and desirable plant at the front of shrubberies or wherever a low bush is required. See illustration above.

	Each	10	100
1 to 1½ ft.,...........	$0 25	$2 00	$15 00
1½ to 2 ft., bushy........	50	3 50	25 00

S. Callosa, var. alba. FORTUNE'S WHITE SPIREA. (D) All Summer there are white flowers in flat clusters on this bushy shrub.

	Each	10	100
1½ to 2 ft., bushy........	$0 35	$2 50	$20 00

Spirea Callosa, var. rosea superba. (D) The pink flowers of this variety make it one of the most attractive dwarf growing shrubs.

	Each	10	100
2 to 2½ ft., bushy........	$0 50	$3 50	$25 00

S. carpinifolia. (S) July. White spikes of bloom.

	Each	10	100
3 to 4 ft.................	$0 35	$2 50	$20 00

S. Douglasi. DOUGLAS' SPIREA. (D) Spikes of deep rose-colored flowers in July and August.

	Each	10	100
2 to 3 ft.................	$0 35	$2 50	$18 00

S. Japonica, var. Fortunei. (S) June to July. An upright shrub, especially attractive on account of the red coloring of the new growth. Pink flowers.

	Each	10	100
3 to 4 ft.................	$0 25	$2 00	$18 00
4 to 5 ft.................	50	3 50	25 00

S. opulifolia; syn. Physocarpus opulifolia. (M) June. It is familiarly known as Ninebark. A large, vigorous-growing shrub, that bears an abundance of fragrant, flat clusters of white flowers.

	Each	10	100
4 to 5 ft., bushy..........	$0 50	$3 50	$30 00

var. aurea. (M) June. Bright golden leaves in Spring, that darken as the season advances. Otherwise similar to the above.

	Each	10	100
3 to 4 ft., bushy..........	$0 50	$3 50	$25 00

S. prunifolia flora pleno. BRIDAL WREATH. (S) Early May. A hardy, old-fashioned, erect shrub, that is still popular. As the leaves are opening, small, snow-white, double flowers wrap themselves along the branches in a lavish display of bloom. The little leaves color brilliantly in Autumn.

	Each	10	100
2 to 3 ft.................	$0 25	$2 00	$18 00

S. Reevesiana. (M) Last of May. Beautiful clusters of white florets which bend the branches gracefully and cover them completely. Similar to *S. Van Houttei.*

	Each	10	100
3 to 4 ft., bushy..........	$0 50	$3 50	$25 0

var. flore pleno. (S) May and June. The double, white flowers of this variety remain on the plant at least two weeks longer than other similar kinds, making it a desirable plant to include in all collections.

	Each	10	100
2 to 3 ft.................	$0 25	$2 00	$18 00
3 ot 4 ft., bushy..........	50	3 50	25 00

S. rotundifolia. (S) June. Distinct habit and hardy, with white flowers like those of *S. Reevesiana*, mentioned above. The round leaves remain fresh and green until late in the Fall.

	Each	10	100
3 to 4 ft., bushy..........	$0 50	$3 50	$25 00
4 to 5 ft., bushy..........	75	5 00	40 00

Spirea salicifolia. WILLOW-LEAVED SPIREA. (M) June to September. Erect, strong habit; fond of wet ground, but succeeds almost anywhere. Useful for masses and wild effects. White flower panicles.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
4 to 5 ft., bushy	50	3 50	25 00
5 to 6 ft., bushy	60	4 00	30 00

S. Thunbergii. THUNBERG'S SPIREA. (D) April and May. A graceful bush, with innumerable small, white flowers and tiny leaves. It is almost identical with *Spirea arguta*.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

S. Tomentosa. HARDHACK. (S) July to September. Flowers in deep pink panicles. Valued for low places and wild effects.

	Each	10	100
3 to 4 ft.	$0 35	$2 50	$20 00

S. Van Houttei. (M) May. Among the very finest of flowering shrubs. A strong, hardy grower of graceful, drooping habit, with handsome foliage. The profusion of bloom weighs the slender branches and covers the bush with a beautiful canopy of white. Desirable from any standpoint. See illustration, page 53.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00
3 to 4 ft.	50	3 50	25 00

Stephanandra

Stephanandra flexuosa. (S) A thick shrub, with graceful branches, and small foliage that is almost as delicate as a fern, and turns bronze-red in late Summer and Autumn. In June, small, inconspicuous, fragrant flowers line the branches.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., bushy	50	3 50	30 00

Styrax

Styrax Japonica. (L) An exceedingly desirable small tree or shrub, that is covered in June with fragrant, drooping racemes of white flowers. A splendid plant for individual planting at conspicuous places or in connection with other trees and shrubs. Its many desirable features have not heretofore been fully appreciated.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$18 00
3 to 4 ft., very bushy	50	3 50	30 00
6 to 7 ft., very bushy	1 25	10 00	75 00

Symphoricarpus

Small native shrubs that are much used in shaded places and in mass plantings. They grow well in almost any soil; are quite hardy and very ornamental, especially so when covered with berries in Fall and Winter. They grow 3 to 6 feet in height, have small leaves and slender branches.

Symphoricarpus Hyerii. (D) A French variety similar in habit to the other kinds, but its leaves remain green much later in the Fall.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

S. racemosus. SNOWBERRY. (D) July and August. Small red flowers, succeeded by abundant white berries that last a long while during late Fall and early Winter.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$18 00

S. vulgaris; syn. rubra. CORALBERRY. (D) July. Similar in character to the above; useful in the same ways. Purplish red berries in Autumn. Perhaps better suited for shaded places.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$12 00
3 to 4 ft., bushy	50	3 50	25 00

var. variegata. (D) The leaves are variegated with golden yellow and green.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

Spirea Douglasi. The Spirea Billardi, Salicifolia and Tomentosa have similar flowers. They are conspicuous as Summer-flowering shrubs, and are especially desirable in mass and natural planting.

A bunch of Lilacs (Syringas).

SYRINGA. THE LILACS

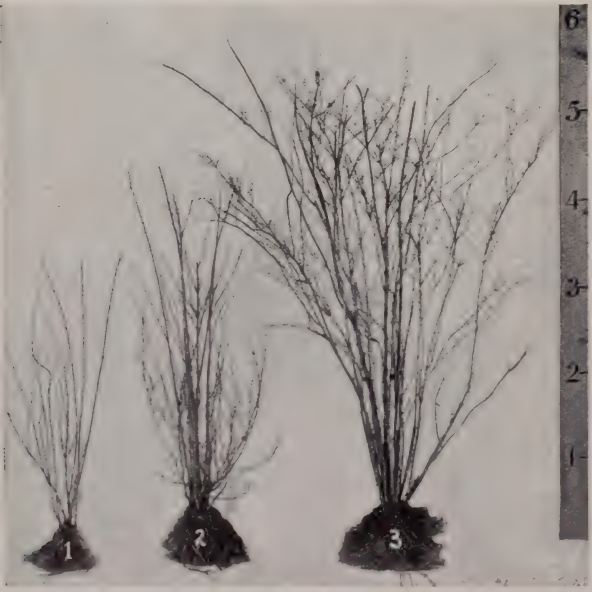
THE Lilac among shrubs is like the Maple among trees, "the most common and most indispensable." In many dooryards the neglected Lilacs continue to bloom with a fragrance and beauty that is surpassed by no other shrub. With the revival of old-fashioned gardens, their popularity increases; no shrubbery mass is complete without them. They are hardy, robust plants that do well and flower abundantly with little care. The large collection we offer embraces tall and low-growing shrubs—kinds that will give a succession of bloom for several weeks.

Syringa Chinensis; syn. Rothomagensis. Rouen Lilac. (M) May. Has arching branches, and large, loose, reddish-purple flower-plumes, that are variable in color. The narrow leaves differ from any other Lilacs.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00
3 to 4 ft.	50	4 00	30 00

Syringa Chinensis, var. alba. (M) A white-flowering variety of the above, with the same general characteristics.

	Each	10	100
2 to 3 ft.	$0 35	$3 00	$25 00
3 to 4 ft.	50	4 00	30 00



Samples of our Shrubs. No. 1 shows the character and quality of plants that in most varieties sell for 25 to 35 cents each; No. 2 those that sell for 35 to 50 cents; and No. 3 for 50 to 75 cents each.

var. Sougeana. (M) Purplish red flowers.

	Each	10	100
3 to 4 ft.	$0 50	$3 50	$25 00

S. Japonica. (L) June. A tree form, with glossy, leathery leaves. It is quite hardy, and the yellowish-white flowers come after other Lilacs are through blooming.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
4 to 5 ft.	75	5 00	40 00

S. Josikæa. Hungarian Lilac. (M) Late in May. A distinct type, with dark green leaves. The deep purple buds, arranged in loose panicles, open into light violet-colored flowers.

	Each	10
2 to 2½ ft., bushy	$0 50	$3 50

S. Persica, var. alba. White Persian Lilac. (S) Has slender, arching branches and narrow leaves; a profuse bloomer.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft.	50	4 00	30 00

Syringa villosa. (S) A distinct type, with late, rosy-pink flowers in large panicles. The foliage resembles that of the Chionanthus (White Fringe), and the plant is very bushy.

	Each	10	100
1 to 1½ ft., bushy.......	$0 35	$2 50	$20 00

S. vulgaris. Common Lilac. (M) May. The well-known, old-fashioned Lilac, so often seen in gardens. It is hardy and vigorous; endures neglect and blooms abundantly. The medium large panicles of bluish flowers are very attractive and useful for house decorations.

	Each	10	100
2 to 3 ft.................	$0 35	$2 50	$20 00

var. alba. Common White Lilac. (M) May. Its general character is similar to the above. Flowers white.

	Each	10	100
2½ to 3 ft..............	$0 35	$3 00	$25 00

Varieties of Syringa Vulgaris (Lilacs)

These flower abundantly, and their sweet fragrance scents the air about the second week in May. They grow to be 6 to 8 feet in height. See below names and descriptions of some of the best varieties, with sizes that we can supply.

	Each	10	100
1½ to 2 ft..............	$0 35	$3 00	$25 00
2 to 3 ft................	50	4 00	30 00
3 to 4 ft................	75	5 00	
5 to 6 ft................	1 00	7 50	

Abel Carriere. Double, very large, pale blue flowers. 2 to 3 ft.; 3 to 4 ft.

Alphonse Lavelle. Large panicles of double violet-blue flowers. 2 to 3 ft.

Charles X. A strong grower, with loose trusses of reddish-purple flowers. 2 to 3 ft.

Frau Bertha Damman. Large panicles of single, pure white flowers. 2 to 3 ft.

Insignis rubra. Buds dark red, opening into rosy purple flowers. One of the best. 2 to 3 ft.; 5 to 6 ft.

Madame Abel Chatney. Pure white flowers in compact panicles. 2 to 3 ft.

Mme. Casimer Perier. Semi-double, pure white flowers, in medium-sized clusters. 2 to 3 ft.

Madame Lemoine. Fine double, white variety. 1½ to 2 ft.; 3 to 4 ft.

Marie Legraye. Small grower; single white flowers, especially fine and fragrant. 1½ to 2 ft.; 2 to 3 ft.

Pres. Loubet. Double light purple flowers. 2 to 3 ft,

Ranunculæflora flore pleno. An uncommon variety, with double, pale blue flowers. 2 to 3 ft.; 5 to 6 ft.

Rubra de Marley. Single, rich, rosy-purple flowers, that are borne abundantly. Resembles the common purple lilac, and is very desirable. 3 to 4 ft.

Souvenir de Ludwig Spaeth. The single flowers are dark purple and distinct from other kinds. 2 to 3 ft.; 3 to 4 ft.

Tamarix. Tamarisk

Shrubs of strong but slender, upright growth, clothed with foliage as light and feathery as that of the asparagus. Their delicate fringed flowers are usually some warm shade of pink or red. They are hardy as far north as Massachusetts, and very ornamental at the back of shrubbery borders, and valuable for seaside planting.

Tamarix Africana. (L) May. The first to flower. Sea-green foliage.

	Each	10	100
3 to 4 ft.................	$0 35	$2 50	$20 00

T. Gallica. (L) May to July. Lighter green foliage and later in flower than *Africana*.

	Each	10	100
3 to 4 ft.................	$0 35	$2 50	$20 00

var. indica. (L) July and August. The pink flower racemes are larger than those of other kinds. The foliage is dull green.

	Each	10
5 to 6 ft.........................	$0 50	$3 50

T. Odessana. (S) July to September. Of lower growth. Pink flowers.

	Each	10	100
3 to 4 ft.................	$0 35	$2 50	$20 00

The foliage and flower of the Single Japan Snowball (Viburnum tomentosum). The foliage turns a rich crimson in Autumn.

VIBURNUM, INCLUDING THE SNOWBALLS

IN this group are included the Snowballs, which give in Spring the same showy effect produced by Hydrangeas in the Fall. Viburnums are hardy, grow quickly, and are free from the attacks of injurious insects. They are invaluable in shrubbery borders; desirable as specimens, and useful in all plantings.

Viburnum cassinoides. WITHE-ROD. (S) Very hardy. Flowers creamy-white. Well suited for moist places and shrubbery borders.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$20 00

Viburnum molle. (S) A native shrub, with handsome, large, deep green leaves, similar to *V. dentatum*, but blooming a few weeks later.

	Each	10	100
2 to 2½ ft.	$0 35	$2 50	$18 00
3 to 4 ft., bushy	50	4 00	30 00

Japanese Snowball (Viburnum plicatum). One of the best and most showy shrubs. These grow easily and have better flowers and more attractive foliage than the old-fashioned variety over which this kind is a great improvement.

V. dentatum. ARROW-WOOD. (M) May. A handsome native shrub, with glossy green leaves and white flowers that ripen into black berries.

	Each	10	100
2 to 3 ft., bushy	$0 35	$2 50	$20 00
3 to 4 ft., very bushy	50	3 50	25 00

V. Japonicum; syn. macrocephalum. (M) A desirable variety from the Orient, with large white flower-heads that are almost as showy in May as the Hydrangeas are in August.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00
3 to 4 ft., bushy	75	5 00	

V. lantana. WAYFARING TREE. (L) May and June. White flower clusters, succeeded by red fruits that later turn to black. Good foliage and desirable for dry places and limestone soils.

	Each	10	100
2 to 3 ft., bushy	$0 35	$2 50	
3 to 4 ft., bushy	50	4 00	$30 00

V. opulus; syn. Oxycoccus. HIGH BUSH CRANBERRY. (M) May. Spreading habit. Single, white flowers, borne in flat, imperfect clusters. Valued for the brilliant red berries that cling to the leafless branches all Winter.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., bushy	50	3 50	25 00

var. nana. DWARF CRANBERRY. (VD) Very low growing. Suitable for the fronts of shrubberies and as an edging.

	Each	10	100
6 to 8 in., bushy	$0 25	$2 00	$15 00
10 to 12 in., very bushy	35	2 50	20 00

var. sterile. GUILDER ROSE, OR OLD-FASHIONED SNOWBALL. (M) May. The old-fashioned Snowball that grows almost anywhere, and always flowers so abundantly. Its leaves and habit are identical with *V. opulus*, above.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft., bushy	50	3 50	25 00
4 to 5 ft., bushy	75	5 00	35 00

Single Japan Snowball

Viburnum tomentosum. SINGLE JAPAN SNOWBALL. (S) May. An elegant shrub, with beautiful dark green leaves. White flowers, borne in flat clusters. Exceptionally attractive in Autumn when the foliage is a gorgeous crimson.

See illustration, page 57.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00
3 to 4 ft.	35	2 50	20 00
4 to 5 ft., very bushy	75	5 00	35 00

Japan Snowball

var. plicatum. JAPAN SNOWBALL. (S) May. One of the best ornamental shrubs, similar in habit to the preceding. It bears abundant white balls of bloom, that have a beautiful setting in the deep green leaves. When a single specimen is wanted there is nothing more attractive. See illustration opposite.

		Each	10	100
2 to 3 ft.	Bushy and fine	$0 35	$2 50	$20 00
3 to 4 ft.		50	4 00	30 00
4 to 5 ft.		75	5 00	35 00
5 to 6 ft.		1 00	7 50	50 00
6 to 7 ft.		1 25	10 00	75 00

Tree or standard form.

	Each	10
3½ to 4 ft.	$0 75	$5 00

HARDY GARDEN ROSES

THE beauty of the Rose is so widely appreciated that the popularity it now enjoys, and the demand for Hardy Garden Roses, is annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight to all who grow them. We make a specialty of Roses for garden and home planting, and our assortment has been made up especially for that purpose, and includes only such varieties as will thrive under home conditions and have proved satisfactory in such places.

Our Spring orders for the Hybrid Perpetual, Tea and Hybrid Tea, Moss and Miscellaneous Roses are for the most part filled with potted plants, like the illustration. Excepting in Southern or sheltered places we recommend planting after April 15th.

In Autumn our assortment of the above-mentioned types is often broken by Spring sales, so that we may not be able to supply all of the varieties listed here, and those that we have for shipment at that time will be furnished from open ground.

Prices of Roses

The prices of all Roses, except where otherwise noted, are 50 cents each, $4.50 per 10, $40.00 per 100 for strong, two-year plants.

Hybrid Perpetuals

The hardiest type and the most persistent in bloom. We recommend them especially for garden use.

Anne de Diesbach. GLORY OF FRANCE. Carmine; large, hardy and fragrant.

Baroness Rothschild. Rich satiny pink; magnificent.

Captain Hayward. Bright crimson-carmine; a distinct shade and very fragrant.

Clio. Flesh-color, with rosy pink center; fine form.

Frau Karl Druschki. Fine white; large, perfect and fragrant; strong grower.

General Jacqueminot. JACK ROSE. Brilliant scarlet-crimson; old-time favorite.

John Hopper. Bright rose, carmine center; cupped and well formed.

Magna Charta. Bright pink, suffused carmine.

Marchioness of Lorne. Rich rose, shaded with carmine.

Margaret Dickson. One of the finest white hybrids.

Mrs. John Laing. Delicate pink; large; full.

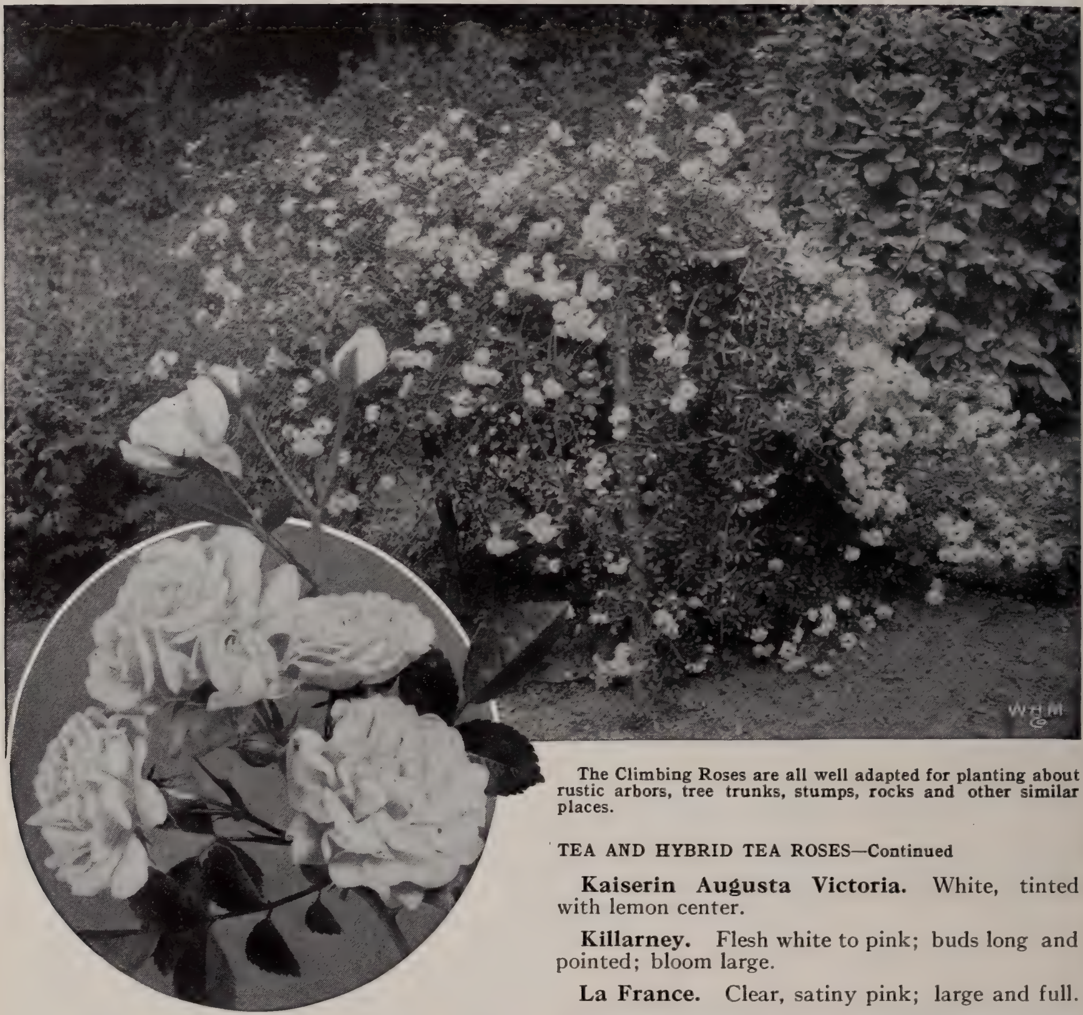
Mrs. R. G. Sharman-Crawford. Deep rosy pink; outer petals shaded to pale flesh color.

Marshall P. Wilder. Cherry-carmine, large bloom, vigorous grower.

Paul Neyron. Very large; deep rose; full and double; a favorite.

Ulrich Brunner. Bright cerise-red; large and full.

One of our Hybrid Perpetual Roses, ready to be boxed for shipment. The flower pot has been removed and a neat paper one substituted; thus insuring arrival with a good ball of dirt about the roots, which reduces the risk in transplanting to a minimum.



The Climbing Roses are all well adapted for planting about rustic arbors, tree trunks, stumps, rocks and other similar places.

Tea and Hybrid Tea Roses

Hardy with little or no protection; very productive, and, as a rule, with brilliant colors and delightful fragrance.

Tea and Hybrid Tea, also Moss and Miscellaneous Roses, are 50 cents each ; $4.50 per 10; $40.00 per 100.

Captain Christy. Large, double buds, of deep flesh color; constant bloomer.

Caroline Testout. Bright, satiny rose; full and fragrant.

Etoil de France. Velvety crimson; center red; bloom large.

Gruss an Teplitz. Bright rich scarlet; very showy; lavish bloomer.

TEA AND HYBRID TEA ROSES—Continued

Kaiserin Augusta Victoria. White, tinted with lemon center.

Killarney. Flesh white to pink; buds long and pointed; bloom large.

La France. Clear, satiny pink; large and full.

Maman Cochet. Deep rose-pink; beautiful in bud and flower.

Richmond. Brilliant crimson - scarlet; free bloomer.

White Maman Cochet. White; fine in bud.

Moss Roses

An odd, interesting, mossy covering surrounds the buds. Free and hardy bloomers.

Blanche Moreau. Pure white; large and full Beautifully mossed and very fragrant.

Crested. Pink; finely crested; very distinct.

Prices of Roses

The prices of all Roses, except where otherwise noted, are 50 cents each; $4.50 per 10; $40.00 per 100 for strong, two-year plants.

Rosa Rugosa, a splendid Bush Rose for colony or group planting. All Summer the single flowers shine from a setting of beautiful dark green leaves, and later give place to bright red seed-vessels that look like tiny tomatoes.

Miscellaneous Roses

Baby Rambler. Dwarf Crimson Rambler. A compact, new dwarf variety, that does not exceed 18 inches in height; covered with a wealth of crimson flowers that last a long time.

White Baby Rambler. Same as above but white.

Clothilde Soupert. A bush form with abundant clusters of rosy white flowers.
Price, 35 cents each; $2.50 per 10.

Hermosa. An old-time favorite that bears bright pink flowers, and blooms persistently.

Lady Penzance. Fragrant foliage and flowers. Beautiful copperish-yellow.

Persian Yellow. Very showy, bright yellow flowers of medium size.

Soleil d'Or. Golden Sun. A new, hardy, yellow Rose. Flowers full and globular; very fragrant.

Prices of Roses

The prices of all roses, except where otherwise noted, are 50 cents each; $4.50 per 10; $40.00 per 100 for strong, two-year plants.

Memorial or Evergreen Roses

Roses of this family are of a trailing habit; very hardy, and recommended for covering walls, rocks, rough ground or for any purpose for which a creeping Rose is desired. They are much used for mass plantings to produce natural effects.

Evergreen Gem. Very double flowers. buff-yellow changing to white. Foliage remains green a long while in the Fall.

	Each	10	100
2 years, 2 to 3 ft...	$0 25	$2 00	$15 00

Gardenia. Beautiful rich, buff-yellow flowers. One of the best.

	Each	10
2 years, 3 to 4 ft..........	$0 35	$2 50

Manda's Triumph. Large, abundant clusters of medium double, pure white flowers.

	Each	10	100
1 year, 1 to 2 ft...	$0 25	$2 00	$15 00
2 years, 2 to 3 ft..	35	2 50	

South Orange Perfection. Clusters of small, double flowers; pink in the bud, changing to white as they open.

	Each	10	100
1 year, 1 to 2 ft.	$0 25	$2 00	
2 and 3 years, 2 to 4 ft.	35	2 50	$20 00

Universal Favorite. Vigorous variety, with a profusion of immense double flowers of beautiful rose-color.

	Each	10
1 year, 2 to 3 ft..................	$0 25	$2 00

Wichuriana. Memorial Rose. Beautiful, small, glossy evergreen foliage. A grand trailer over all sorts of places. Fragrant, single, waxy-white flowers are borne profusely in June.

	Each	10	100
1 year, 1½ to 2 ft........	$0 20	$1 50	$12 00

Hardy Climbing Roses

Climbing Clothilde Soupert. Rich, creamy white flowers, sometimes blush. A vigorous grower, blooming abundantly and persistently almost until frost.

	Each	10
2 years, 2 to 3 ft..................	$0 35	$2 50
Potted plants..................	50	4 00

Crimson Rambler. Well known and popular A strong, rapid grower that produces exceedingly large and brilliant clusters of small, double crimson flowers in great profusion. There is nothing finer for trailing over verandas, walls, pillars, etc.

	Each	10	100
2 years, 2 to 3 ft.............	$0 35	$2 50	$20 00
Potted plants...............	50	4 00	

Dawson. Considered by some to be as valuable as the Crimson Rambler. Large clusters of semi-double, bright pink flowers. Strong grower.

	Each	10
2 years, 3 to 4 ft..................	$0 35	$2 50

Dorothy Perkins. A splendid sort, with beautiful shell-pink flowers; full, large and double. The trusses often contain 30 or 40 individual flowers. Bright foliage that keeps fresh better than most kinds.

	Each	10	100
Strong 2 year plants.....	$0 35	$2 50	$20 00
Potted plants...........	50	4 00	

HARDY CLIMBING ROSES—Continued

Lady Gay. Similar in habit to Crimson Rambler; flowers rose-pink.

	Each	10	100
2 years, 2 to 3 ft.	$0 35	$2 50	$20 00

Multiflora Japonica. See Bush Roses.

Philadelphia Rambler. Similar to the Crimson Rambler; deeper and brighter in color.

	Each	10
2 years, 2 to 3 ft.	$0 35	$2 50

Pink Rambler. Similar to the other Ramblers, but has pink flowers.

	Each	10	100
2 years, 3 to 4 ft.	$0 35	$2 50	$20 00

Queen Alexandria. A new sort that resembles the well known Crimson Rambler, but is lighter in color.

	Each	10	100
1 year, 1½ to 2 ft.	$0 25	$2 00	$15 00
2 years, 2 to 3 ft.	35	2 50	20 00

Royal Cluster. Double white, medium-size flowers; prolific bloomer.

	Each	10	100
2 years, 3 to 4 ft.	$0 25	$2 00	$15 00

Ruby Queen. Deep ruby red.

	Each	10	100
2 years, 2 to 3 ft.	$0 25	$2 00	$15 00
3 years, 3 to 4 ft.	35	2 50	20 00

Yellow Rambler.

	Each	10
2 year plants	$0 35	$2 50
Potted plants	50	4 00

Bush Roses

These varieties are very desirable in connection with shrubbery plantings as well as in groups by themselves.

Blanda. Meadow Rose. Large pink flowers followed by red fruit. Erect habit. Good for mass plantings.

	Each	10	100
1½ to 2 ft.	$0 25	$1 50	$12 00

BUSH ROSES—Continued

Lucida. Single, bright pink flowers in June. Attractive red branches and plump, red fruits in Winter. Splendid for natural landscapes.

	Each	10	100
1 to 1½ ft.	$0 20	$1 50	$12 00

Multiflora. Literally covered in June with myriads of very fragrant clusters of small, semi-double flowers. In Winter, the numerous red fruits are decorative. Valued in shrubbery plantings of all kinds.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	$15 00

Rubiginosa. Common Sweet Briar. Noted for the fragrance of its foliage.

	Each	10	100
1½ to 2 ft.	$0 25	$2 00	$18 00

Rosa rugosa. Japanese Rose. The beautiful, rich, green, wrinkled foliage alone would make this Rose popular for all ornamental plantings that require a shrub of about 5 feet in height; but, in addition, there are brilliant single red or white flowers that come in May and continue intermittently all Summer. These ripen into tiny tomato-like seed-vessels of much ornamental value. See illustration, page 61.

	Each	10	100
2 to 3 ft.	$0 35	$2 50	$20 00

var. alba. White Japanese Rose. White flowers alone distinguish it from the foregoing.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

var. rubra. Red Japanese Rose. In this case the flowers are all red, otherwise similar to the above.

	Each	10	100
1½ to 2 ft.	$0 35	$2 50	$20 00

Setigera. Prairie Rose. Single, deep rose-colored flowers. A splendid sort for natural planting. It blooms lavishly in June.

	Each	10	100
2 to 3 ft.	$0 25	$2 00	
4 to 5 ft.	35	2 50	$18 00

Wistaria. There is not much difference in the varieties excepting in the color of their flowers. See page 67.

Moon's Evergreens and Vines growing about a boulder entrance at Radnor, Pa. Ampelopsis Engelmanii is the vine that so effectively creeps over these boulders.

ORNAMENTAL VINES

CLIMBING Vines are as necessary to the comfort and beauty of a home as the trees and shrubs we plant about it. They mature quickly and tone down the stiff, bold angles of new buildings and give shade and flowers over verandas and trellises. They are cheerful and cooling in climbing over bowers and Summer-houses, and wild and natural in running over trees and stumps. In shaded places and beneath old trees, where grass will not grow, they are often used as a ground cover. On steep slopes and banks they prevent erosion. They ramble over unsightly, neglected places, and make them beautiful with fragrant and brilliant flowers. Vines are strong, robust growers, that require little attention other than to occasionally train them.

Actinidia

Actinidia arguta. A vigorous, rapid-growing Japanese vine, with glossy, leathery leaves and greenish-white flowers, succeeded by greenish-yellow fruits. Fine for covering arbors, trellises, walls, and to produce wild effects.

	Each	10	100
1 to 2 ft., 1 year.........	$0 25	$2 00	$15 00
3 to 4 ft., 3 and 4 years..	35	2 50	20 00
Potted plants............	50	4 00	

A. polygama. In most respects, it is similar to the above. It has very fragrant, creamy white flowers and handsome foliage. It is a strong, rapid grower, and desirable plant. Remarkably free from insect enemies, and excellent for trellises, covering buildings, fences and the like.

	Each	10	100
3 to 4 ft., 3 and 4 years, heavy,	$0 35	$2 50	$20 00
Potted plants.............	50	4 00	

Akebia

Akebia quinata. It is a hardy, quick-growing vine, that is graceful and handsome. Has small, five-lobed, half-evergreen leaves, and fragrant purplish-brown or chocolate-colored flowers.

	Each	10	100
3 to 4 ft., 3 years.........	$0 35	$2 50	$20 00
Potted plants............	50	4 00	

Ampelopsis

Ampelopsis pubescens. A variety similar to the better known *A. quinquefolia* or Virginia Creeper.

	Each	10	100
3 to 4 ft., 3 years.........	$0 25	$2 00	$18 00
4 to 5 ft., 4 years.........	35	2 50	20 00

Ampelopsis quinquefolia. VIRGINIA CREEPER. This is the true Woodbine or "Five-finger Ivy" with large handsome leaves deeply cut into five lobes. Its blue berries contrast with the richness of its Autumn coloring when the leaves turn a gorgeous crimson. On dry soils the leaves color earlier and more brightly. Excellent for arbors, trellises, climbing up trees and stumps and for planting along walls.

	Each	10	100
1 ft., 1 year	$0 20	$1 50	$12 00
Potted plants	50	4 00	

var. Engelmanii. Practically identical with *A. quinquefolia*. It clings more tenaciously to a support, and grows a little more strongly.

	Each	10	100
1 to 2 ft., 1 year	$0 20	$1 50	$12 00
2 to 3 ft., 2 years	25	2 00	15 00
3 to 4 ft., heavy	35	2 50	18 00
Potted plants	50	4 00	

var. muralis. Resembles the above, but is more slender and shorter jointed, with smaller leaves that are whitened beneath.

	Each	10	100
2 to 4 ft., 3 years	$0 25	$2 00	$15 00
Potted plants	50	4 00	

A. tricolor; syn. heterophylla elegans. Leaves resemble in shape those of grapes, and are beautifully spotted with tints of pink, and white.

	Each	10	100
1 to 2 ft., 1 and 2 years	$0 25	$1 50	$12 00
3 to 4 ft., 3 and 4 years	35	2 50	18 00
Potted plants	50	4 00	

Clematis Paniculata. A quick and satisfactory grower that may be depended upon to produce a wealth of bloom, like this, at the close of August. This Clematis is also splendidly suited for climbing over tree trunks, stumps and rocks.

Ampelopsis Veitchii; syn. tricuspidata. JAPANESE OR BOSTON IVY. The tendrils hold tenaciously to any support, and the roots find nourishment in the poorest soils. It is a quite hardy, rapid grower. The leaves are strung thickly and overlap one another in a mat of fresh, shining green, that turns a brilliant red in Autumn. It is the most popular Ivy for covering buildings and walls, and grows well in the smoky atmosphere of cities.

	Each	10	100
Potted plants	$0 25	$2 00	$15 00

Aristolochia

Aristolochia sipho. DUTCHMAN'S PIPE. A strong, hardy-growing, tropical-looking vine, with attractive light green leaves, 8 to 12 inches across. It will give a quick, dense shade, and is much used on arbors and trellises. The corolla of the brown flowers is shaped like the bowl of a pipe.

	Each	10
Potted plants	$1 00	$7 50

Bignonia. Trumpet Vine

These are familiar strong-growing vines, with deep, rich green foliage and large, trumpet-shaped flowers in early Summer. They are very desirable for covering Summer-houses, training over arbors, and to climb over trees, rocks and rustic bridges. Bignonias will grow in almost any soil, and are hardy, except in the coldest climates. We offer the two varieties that follow.

Bignonia grandiflora. TRUMPET VINE. July. The orange-red flowers are larger and earlier than *B. radicans*, and it is a more bushy grower.

	Each	10	100
1 to 2 ft., 1 and 2 years	$0 25	$2 00	$15 00
Potted plants	50	4 00	

B. radicans. SCARLET TRUMPET VINE. July to September. Our native species, with deep scarlet flowers. It is a familiar, old-fashioned vine, that clings tenaciously and grows rapidly to tall heights.

	Each	10	100
1 to 2 ft., 1 year	$0 20	$1 50	$12 00
3 to 4 ft., 2 years	25	2 00	15 00
4 to 5 ft., 4 years	35	2 50	20 00
Potted plants	50	4 00	

Celastrus. Bittersweet

Celastrus articulatus. JAPANESE BITTERSWEET. A vigorous climber, that is useful in the same ways, and very similar to our better-known native, described below.

	Each	10	100
4 to 5 ft., 2 years	$0 25	$2 00	$15 00
Potted Plants	50	4 00	

C. scandens. BITTERSWEET. A native vine that is especially ornamental in Fall and Winter, with brilliant orange and scarlet fruits.

	Each	10	100
2 to 3 ft., 2 years	$0 25	$2 00	$18 00
Potted plants	50	4 00	

Clematis

Popular vines that flower profusely, and are everywhere planted for covering porches, trellises and arbors, and to climb over posts and fences.

Clematis coccinea. Scarlet Clematis. Flowers freely in late Spring or early Summer.

	Each	10	100
Strong plants.............	$0 50	$4 00	$35 00

C. crispa. Marsh Clematis. A delicate native sort of smaller growth than some of the other kinds. From June until frost it bears fragrant purple or lavender-colored flowers.

	Each	10	100
Strong plants,	$0 50	$4 00	$35 00

C. flammula. Sweet Clematis. The dark green foliage lasts until late in the Fall. Masses of small, white, fragrant flowers come in early Autumn. A hardy and desirable sort for domestic or wild uses.

	Each	10
2 year potted plants..	$0 25	$2 00

C. paniculata. It is a strong, luxuriant grower, with light green foliage, that is handsome in itself. At the close of August, innumerable star-like flowers cover the vine in a sheet of fragrant white. We recommend it for planting anywhere around the house and for covering posts, fences, walls and stumps. See illustration, page 64.

	Each	10	100
1 to 1½ ft., 3 years.....	$0 25	$2 00	$15 00
From 4 in. pots,	35	2 50	20 00
From 6 in. pots,	50	3 00	25 00

Clematis Hybrids

Extra strong plants, 50 cents each; $4.00 per 10; $35.00 per 100.

Duchess of Edinburgh. Pure white, double flowers.

Henryi. Large, creamy white and handsome.

Jackmani. Next to *C. paniculata*, this is the most popular variety, with rich, royal-purple flowers three inches across; borne abundantly in June and occasionally afterwards.

Mme. Baron Veillard. Rose.

Mme. Edouard Andre. Deep, rich crimson; large flowers.

Honeysuckle. Always desirable and always dependable.

Romona. Very large, deep sky-blue flowers. A desirable new sort.

Ville de Lyon. Bright red. Well-formed flowers, and a very good variety.

Dolichos. Kudzu Vine

Dolichos Japonica. Japanese Kudzu Vine. An extremely rapid-growing vine, that has been known to make 40 to 60 feet of growth a year. It is an especially desirable vine for quick effects and useful for hiding unsightly objects. The leaves are large and handsome.

	Each	10
Potted plants......................	$0 35	$3 00

Euonymus

Euonymus radicans. Creeping Euonymus. An evergreen species, with small, glossy leaves. Grows slowly to a height of 20 to 30 feet. Clings tenaciously to walls or rocks, for which it makes a splendid cover. Easily kept under control, and on this account suited for low walls.

	Each	10	100
1 to 2 ft., 2 and 3 years...	$0 25	$2 00	$15 00

var. variegata. Differs from the above in that it has pretty creamy-white markings on the leaves that make it valuable for contrasts.

	Each	10	100
¾ to 1 ft...	$0 20	$1 50	$12 00

Hedera. Ivy

Hedera helix. English Ivy. A familiar evergreen vine, with thick, dark green foliage. It grows in almost any soil, and is fond of shady places. The young and immature wood sometimes Winterkills in localities north of New York, but it is not so much the cold as the bright, late Winter suns that kill it. Much used to cover buildings, rocks, trunks of trees, trellis work, graves, and as an evergreen carpet beneath trees in places where grass will not grow.

	Each	10	100
Potted plants..	$0 35	$2 50	$20 00

Jasminum

The two varieties described on page 47 are sometimes trained over arbors, trellises, and used as vines.

Lathyrus

Lathyrus latifolius. Perennial Pea. Grows 8 to 10 feet, and during the entire Summer it produces clusters of rosy-red flowers. Good for a low tangled covering.

	Each	10	100
2 year plants..	$0 15	$1 25	$10 00

Lycium. Matrimony Vine

Lycium Chinense. A hardy plant, that serves as a vine or shrub. Slender, drooping branches; bears pink and purple flowers from June until September, that are succeeded in Winter by scarlet and orange fruits. Grows anywhere and is, on this account, a good plant to withstand abuse and neglect.

	Each	10	100
1 to 2 ft., 1 year.........	$0 20	$1 50	$12 00
3 to 4 ft., 3 and 4 years...	35	2 50	18 00
Potted plants...........	35	3 00	

Lonicera. Honeysuckle

Favorite vines, with flowers of delicious fragrance. Strong, rapid growers in any soil or location. They are well adapted for all trellis work; for climbing over arbors and verandas; for training to posts and along fences. They are beautiful when allowed to ramble over trees and bushes in wild and natural ways, or to creep over dumps and unsightly places, and for retaining soil on slopes and banks.

Lonicera Belgica. MONTHLY FRAGRANT HONEYSUCKLE. Buff, corolla carmine.

	Each	10
3 to 4 ft.	$0 35	$2 50

L. Caprifolium. ITALIAN HONEYSUCKLE. Flowers yellowish-white on the inside and purplish outside. A free bloomer.

	Each	10	100
1 ft., 1 year	$0 20	$1 50	$12 00
2 to 3 ft., 2 years	25	2 00	
Potted plants	35	3 00	25 00

This Chinese Wistaria (Wistaria Chinensis) is growing near Birmingham, Ala. It was furnished by us seven years ago.

L. flava. YELLOW HONEYSUCKLE. An early and fragrant bloomer.

	Each	10
2 to 4 ft., 2 years	$0 25	$2 00
Potted plants	35	3 00

L. Hendersoni. Corolla a purplish pink, body of flower yellow. Fragrant and incessant bloomer.

	Each	10	100
3 to 4 ft., 3 and 4 years	$0 35	$2 50	$18 00
Potted plants	50	4 00	

L. Japonica, var. aurea reticulata. GOLDEN HONEYSUCKLE. The leaves, netted with golden yellow, are beautiful in themselves, and are valuable for color contrasts with other kinds. It is a good, hardy grower, with fragrant, cream-colored flowers.

	Each	10	100
1 to 2 ft., 1 year	$0 15	$1 25	$10 00
3 to 4 ft., 2 and 3 years	25	2 00	12 00
Potted plants	35	3 00	25 00

Lonicera Japonica, var. brachypoda. EVERGREEN HONEYSUCKLE. This variety is very similar in appearance to the well-known Hall's Honeysuckle. It is a strong grower and desirable sort, with yellow flowers. The leaves turn a coppery hue in late Autumn, and last until almost Spring.

	Each	10	100
3 to 4 ft., 2 and 3 years	$0 20	$1 50	$12 00
Potted plants	35	3 00	25 00

var. Chinensis. The leaves are reddish-green, often with purplish veins beneath. In Winter, the foliage turns to a beautiful bronze hue and lasts well on toward Spring. The profusion of buds are tinted with pink and open into very fragrant white and pink flowers. This is one of the best varieties for every purpose.

	Each	10	100
3 to 5 ft., 3 and 4 years	$0 25	$2 00	$15 00
Potted plants	35	3 00	25 00

var. Halliana. HALL'S HONEYSUCKLE. The most popular variety. Glossy, light green leaves; strong, vigorous, half-evergreen habit, and a wealth of white and buff flowers, succeeded by occasional bloom until frost.

	Each	10	100
2 to 3 ft., 1 year,	$0 15	$1 25	$10 00
3 to 4 ft., 2 years,	25	2 00	15 00
Potted plants	35	3 00	25 00

L. sempervirens, var. fuchsioides; syn. L. punicea. SCARLET TRUMPET HONEYSUCKLE. Differs widely from the Japanese forms, and is brilliant in bloom with its clusters of tubular scarlet flowers, that continue all Summer. Bluish-green leaves. A very pretty and desirable sort.

	Each	10	100
1 to 1½ ft., 1 year,	$0 20	$1 50	$12 00
3 to 4 ft., 2 and 3 years,	25	2 00	15 00
Potted plants	50	4 00	

L. Sullivanti. A strong, vigorous grower; dark purplish-pink flowers. Under-side of leaf silvery in color.

	Each	10	100
3 to 4 ft., 3 years	$0 25	$2 00	$15 00

Periploca

Periploca Græca. SILK VINE. Dark green, silky leaves. Small, purple flowers in July.

	Each	10	100
3 to 4 ft., 3 years	$0 25	$2 00	$15 00
Potted plants	35	3 00	

Roses

The Rambler Roses and some of the other varieties that we mention on pages 61 and 62 may be successfully used for climbing and rambling about in the same manner as vines.

Vinca. Periwinkle

Vinca minor. Myrtle, or Periwinkle. A familiar evergreen creeper, that bears blue flowers in early Spring, and is common as a carpet in shady places or on rockeries and graves.

	Each	10	100	1000
1 to 1½ ft., strong plants	$0 10	$0 75	$6 00	$40 00
Potted plants	15	1 25	10 00	60 00

Vitis. The Grapes

Vitis Labrusca. Fox Grape. A rapid-growing, strong, native vine, with large, purplish-black fruits. Especially suited for climbing over thickets and trees.

	Each	10
1 to 2 ft., 3 years	$0 35	$2 50

WISTARIA

STRONG-GROWING vines, that wrap themselves tightly about any support, and are valued most for covering bowers, porches and training over tree trunks. In May they bear abundant, dense, drooping clusters of flowers, similar in shape to those of a sweet pea, and occasionally a lighter crop follows in August. See illustration, page 66.

Wistaria Chinensis. Chinese Wistaria. The common variety, which blooms so profusely in May. Flowers pale blue; fragrant. It withstands the smoke of cities; grows anywhere.

		Each	10	100
3 to 4 ft.	Especially fine stock	$1 00	$7 50	$60 00
4 to 5 ft.		1 50	12 50	100 00
Potted plants		75	5 00	

var. alba. A beautiful white-flowering form of our common Wistaria, that possesses the strong-growing, hardy qualities of its parent.

	Each	10	100
2 to 3 ft.	$0 75	$5 00	$35 00
3 to 4 ft.	1 00	7 50	
Potted plants	75	5 00	

4 to 6 ft. specimens ....$3 50 to $5 00 each

Wistaria frutescens. American Wistaria. Lilac-purple flowers; later than the other kinds.

	Each	10
3 to 4 ft., 5 years	$0 75	$5 00

var. magnifica. Flowers fragrant; larger and more dense than the above.

	Each	10
4 to 5 ft.	$1 00	$7 50

W. multijuga. Loose-Cluster Wistaria. Panicles of deep purple bloom, often 3 feet long. One of the most artistic of the group.

	Each	10
2 to 3 ft., 3 years	$0 75	$5 00

5 to 7 ft., heavy specimens ..$7 50 to $15 00 each

The function shrubs can be made to perform is connecting tunare's beauty with the lawn. Note also how vines on the porch serve as a connecting link with the house and assist in creating harmony. Possibly we can help in producing a similar effect for you.

HEDGE PLANTS

THE value of hedges in ornamental planting is realized. The beauty of living plants is greatly to be preferred to the stiff and measured lines of fences. Annual trimming and occasional weedings and cultivation are all the care that established hedges require, and with age they increase in density and beauty, instead of rotting away with time. Evergreen hedges, fresh and green at all seasons, retain their beauty and serve the purpose for which they are intended, even in Winter. They may be kept at any desired height by trimming, which should be attended to just as the new growth is starting, usually about May 1st. They increase in density and branch out at the ground, making a thick, almost impenetrable wall. As screens to unsightly objects and as windbreaks for exposed places, there is nothing better. Deciduous hedges grow more rapidly and are less expensive. They require the same care and should usually be trimmed in winter. The flowering hedges are most showy with their long lines of bloom, and the thorny plants serve best for defensive purposes.

Below we classify the uses for which hedges are generally put, and give each classification a number, then, in the list of hedging plants that follows, the different varieties are preceded by numerals that indicate the classification that they may be suitably used in. For instance, all varieties preceded by the numeral 1 are good plants for ordinary hedges. Some varieties are useful under several classifications.

1. **Ordinary Hedges,** such as property boundaries. Usually of medium height and dense, thick habit.
2. **Defensive Hedges.** Used as fences to keep trespassers off and to turn stock. Plants with thorns usually preferred.
3. **Screens.** Used to hide objectionable objects, clothes-yards, kitchen doors, etc.
4. **Windbreaks.** Used to shelter vegetable gardens and shut out the wind from other places. Evergreens almost always used for these purposes.
5. **Flowering Hedges.** Almost all the flowering shrubs are suited for this purpose; we name only the best.
6. **Edging.** Low hedges to edge walks with, to border cemetery lots and similar places.

Evergreen Hedge Plants

5, 6. **Evergreen Azalea** (Azalea amœna), page 16.
1, 6. **Common Tree Box** (Buxus sempervirens), page 16.
6. **Dwarf Box Bush** (Buxus suffruticosa), page 16.
6. **Douglas Dwarf Golden Juniper** (Juniperus canadensis, var. aurea), page 5.
3, 4. **White Spruce** (Picea alba), page 6.
1, 3, 4. **Norway Spruce** (Picea excelsa), page 7.
3, 4, **White Pine** (Pinus strobus), page 9.
3, 4. **Scotch Pine** (Pinus sylvestris), page 10.
1, 3. **Green Retinospora** (Retinospora plumosa), page 11.
1, 3. **Golden Retinospora** (Retinospora plumosa, var. aurea), page 11.
1, 3 **Silver Retinospora** (Retinospora squarrosa, var. Veitchii), page 12.
1, 3, 4. **American Arborvitæ** (Thuya occidentalis), page 13.
1, 6. **Compact Arborvitæ** (Thuya compacta), page 14.
1, 6. **Globe Arborvitæ** (Thuya globosa), page 14.
1, 3, 4. **Pyramidal Arborvitæ** (Thuya pyramidalis), page 14.
1, 3, 4. **Hemlock** (Tsuga canadensis), page 15.

Deciduous Hedge Plants

3. **European Cork Maple** (Acer campestris), page 22.
1, 2, 6. **Japanese Barberry** (Berberis Thunbergii), page 40.
1, 2. **Common Barberry** (Berberis vulgaris), page 40.
2, 3. **American Hornbeam** (Carpinus Americana), page 25.
2, 3, 4. **European Hornbeam** (Carpinus Betula), page 25.
3, 5. **Deutzias,** in variety, page 43.
2, 5. **Silver Thorn** (Eleagnus parviflora), page 45.
2, 3, 4. **European Beech** (Fagus sylvatica), page 27.
3, 5. **Althea** (Hibiscus), in variety, page 46.
5. **Hydrangea paniculata, var. grandiflora,** page 48.
1, 3. **Ibota Privet** (Ligustrum Ibota), page 49.
1, 3. **Regel's Privet** (Ligustrum Ibota, var. Regelianum), page 49.
1, 3, 4, 6. **California Privet** (Ligustrum ovalifolium), page 49.
3, 4. **Lombardy Poplar** (Populus nigra, var. fastigata), page 32.
2, 3. **Buckthorn** (Rhamnus catharticus), page 52.
2, 5. **Japanese Rose** (Rosa rugosa), page 62.
3. **Weeping Willows** (Salix elegantissima), page 35.
1, 5. **Spirea,** in variety, page 54.
5. **Japan Snowball** (Viburnum plicatum), page 59.

A mixed planting of Perennials and Shrubbery that gives an uninterrupted succession of bloom through the open months.

HARDY PERENNIAL PLANTS

IT is no wonder that these grand, old-fashioned hardy garden flowers continue to increase in popularity, because there is not a time during the whole flower season in which some hardy perennial is not in bloom; and when the wooded shrubs are almost bare of flowers in July and August, these little plants may be depended upon to make a grand display. The perennials are not fastidious about the soil they have to grow in, though many of them, of course, have a preference. Year after year, they reappear and flower abundantly, requiring scarcely any attention.

A planting of perennials affords a display of bloom from earliest Spring until after frost comes in the Fall, and gives the owner flowers that may be cut at any time for house and table decoration. These plants look well anywhere, but are especially suited for border planting, either by themselves or in connection with shrubbery groups; they are also effectively used when planted along garden walks, walls or fences, in rockeries and innumerable places that will suggest themselves.

In planting the Perennial Border we suggest massing several plants of a kind, as the effect produced by a colony, is more attractive than a greater number of varieties with only a few plants of each.

PRICES OF PERENNIAL PLANTS, except where otherwise noted, are 15 cents each; $1.25 per 10; $10.00 per 100.

ACHILLEA Eupatorium. FERN-LEAVED YARROW. Delicately cut foliage; showy yellow heads of flowers on rigid stems. 3½ feet. July to August.

A. millefolium roseum. ROSY MILFOIL. Beautiful heads of rosy-red flowers with deeply cut foliage. 2 feet. June to August.

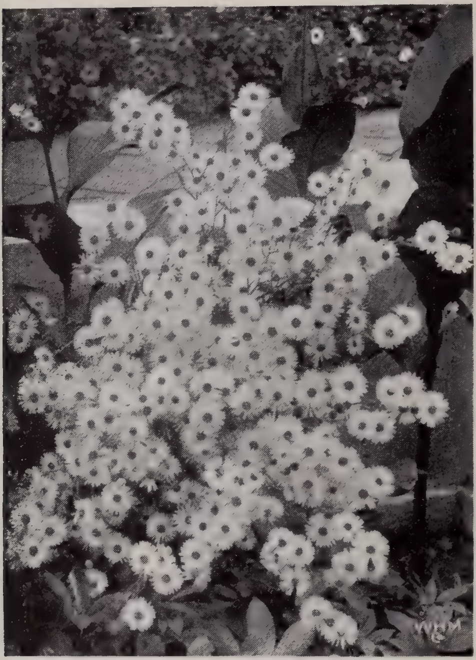
A. ptarmica fl. pl. "The Pearl." In July and August it is covered with a profusion of small, pure white, double flowers. Fine for cutting. 2 feet.

AGROSTEMMA coronaria. MULLEN PINK. Downy, silvery leaves. Bright, crimson flowers on stems 2 to 3 feet long. June to August.

ALYSSUM saxatile, var. compactum. GOLDEN TUFT. One of the brightest Spring flowers. Excellent plant for the rockery or border, with flat heads of yellow flowers in April and May. 1 foot.

AMSONIA salicifolia. Terminal panicles of clear blue flowers on stout, woody stems, May and June. 2 feet.

A. Tabernæmontana. Similar to the above.



Boltonia, one of the showiest perennials for late Summer and Autumn.

Anemone. Windflower

The Anemones bloom from August to October. Their flowers are most showy and resemble large apple blossoms. They are good for cutting and one of the most desirable of all perennials. A slight protection is beneficial in winter. 2 to 3 feet.

ANEMONE Japonica. JAPANESE WINDFLOWER. Bright rose color.

var. QUEEN CHARLOTTE. Large, rose-like flowers of beautiful silvery-pink color.

var. Whirlwind. Pure white semi-double flowers. One of the best.

ANTHEMIS tinctoria, var. Kelwayii. HARDY MARGUERITE. A desirable bushy plant with a profusion of golden-yellow, daisy-like flowers. 2 feet. June.

AQUILEGIA Californica Hybrida. These have a range of color, red, yellow, pink and intermediate shades that blend softly together. 2 feet. May to June.

A. Canadensis. NATIVE COLUMBINE. Bright red and yellow. April to June. 1½ feet.

A. chrysantha. Fragrant yellow flowers. May to July. 3 to 4 feet.

A. cœrulea. ROCKY MOUNTAIN COLUMBINE. A handsome form, showy with sky-blue flowers. May to June. 1½ feet. Price, 25 cents each; $2.00 per 10 and $15.00 per 100.

A. Flabellata nana alba. A pure waxy white and very large flower. Dwarf, with thick foliage. Flowers in April. 1 to 1½ feet.

ARABIS Alpina. ROCK CRESS. A very low-spreading plant, completely covered with pure white flowers in April and May. Indispensable for rockeries, etc.

ARMERIA formosa. This little evergreen plant flowers all Summer sending up wiry stems with terminal balls of pink and white. 1 foot.

ASCLEPIAS tuberosa. BUTTERFLY WEED. A shrubby perennial, with bright orange flowers lasting a long time. Distinct. July to August. 2 feet.

Asters

ASTER, the Hardy Perennial Types. Showy Autumn plants that grow from 3 to 5 feet high, with myriads of tiny, bright-colored, daisy-like flowers. Very desirable for mass planting or for use in sylvan or natural landscapes. We offer a choice strain of assorted colors in purple and lilac shades.

A. Novæ Angelæ. Bluish-purple flowers; otherwise similar to the above.

ASTILBE Japonica. HERBACEOUS SPIREA. Well known plant. White feathery panicles in contrast with its delicate foliage. 2 feet. June to July.

AUBRETIA deltoides. A low spreading plant, ideal for Alpine rockeries. A pretty silvery foliage beneath a mass of small violet-blue flowers. April and May.

BELLIS perennis. ENGLISH DAISY. Popular favorites of very low growth and beautiful little round flowers in earliest Spring. Splendid for bedding and edging. We offer three varieties.

var. Giant Rose. Bright Rose.

var. Longfellow. Pink.

var. Snowball. Pure white.

Prices of either of the above are 10 cents each; 75 cents per 10; $5.00 per 100.

BOCCONIA cordata. During July and August, this tall perennial (6 to 8 feet) is at its best, with large, loose terminal panicles of creamy white flowers. It is a splendid thing to use in shrubbery borders, in masses and at the back of perennial plantings.

BOLTONIA asteroides. FALSE CHAMOMILE. In their season the Boltonias are one of our showiest herbaceous plants. They resemble the Asters in form, but bloom earlier and more profusely. White. 5 feet. August to September. See illustration above.

B. latisquama. The flower is a pretty pink; in other respects similar to the above.

Cerastium tomentosum. Snow-in-Summer. A low, spreading plant splendidly suited for rockeries, edgings and flower borders

Five or more plants of any one variety at price per ten; twenty-five or more at price per 100

CALIMERIS incisa. Star Wort. A border plant that produces abundant clusters of Aster-like, lavender flowers, with yellow centers, from July to September. 1½ feet.

CALLIRHOE involucrata. A low-growing plant with large, saucer-shaped flowers of cardinal rose color that are in bloom all Summer.

CAMPANULA carpatica alba. White-Flowered Carpathian Harebell. Compact tufts about 10 inches high. Flowers blue, lasting all Summer.

C. persicifolia. Peach-Leaved Bell Flower. Blue star-shaped flowers, with deep chalice, in clusters on spikes about 2 feet high. June to July.

var. alba. White form of the above.

C. pyramidalis. Chimney Bell Flower. Very conspicuous when weighted in September with 4 to 5-foot spikes of blue flowers.

C. rapunculoides. Graceful spikes loaded with blue, bell-shaped flowers. 3 feet. June to August.

C. Rotundifolia. Blue-Bells of Scotland. Little blue flowers from June to August. 1 foot.

C. Trachelium. Coventry Bells. Purple flowers in June to August. 3 feet.

CARYOPTERIS mastacanthus. Blue Spirea, or Verbena Shrub. A shrubby plant, valued for its wealth of blue flowers, that come in September and last until after frost. 2½ feet. Price, 25 cents each; $2.00 per 10; $15.00 per 100

CASSIA marylandica. Shrubby-looking plant, with bright yellow flowers in July. Thrives in moist places. 4 feet.

CEPHALARIA Alpina. Tall growing plant with round-heads of Sulphur-yellow flowers in July and August. 5 feet.

CERASTIUM tomentosum. The common name, "Snow-in-Summer," is descriptive of this little plant, that is almost hidden beneath myriads of small white flowers that spring from a dense carpet of silvery foliage. Useful as an edging, for planting among rocks and over steep slopes. June to July. 10 inches. See illustration, page 70.

Hardy Chrysanthemum. The best perennial for late Autumn flowers.

Hardy Chrysanthemums

We offer an assortment of hardy varieties including several well-marked types. They flower profusely in October and are not injured by early frosts, and, therefore, showy and beautiful after everything else in the garden has been killed. They are excellent for cut flowers and bouquets. Sure bloomers and satisfactory growers that attain a height of about 3 feet. They should be included in all orders for plants of perennial character.

Small plants which will flower the coming Autumn. Price, 10 cents each; 75 cents per 10; $6.00 per 100.

Double Hardy Pompon Chrysanthemums

Arabella.	Crimson salmon.
Danizula.	Mid-season. Violet-pink.
Dundee.	Scarlet-maroon, late.
Eagle de Or.	Golden-yellow.
Fair Haven.	Pearl-pink.
Globe d' Or.	Dwarf; bushy; clear yellow.
Gold Finch.	Rich, golden-yellow, striped red.
Hijos.	Primrose-pink.
Jerry.	Rosy lilac.
Kadar.	Bronze-crimson, yellow center.
Lyndhurst.	Bright crimson-maroon.
Patterson.	Old gold.
Prince of Wales.	Pure white.
Salem.	Silver-rose.
St. Illoria.	Silver-pink.
Sunset.	Scarlet-bronze.
Tennyson.	Bright, pure yellow; early.
Willie.	Lilac and white.

Hardy Button Chrysanthemums

Anna Maria.	Creamy-white, tipped pink.
Blushing Bride.	Clear pink.

PRICES OF PERENNIAL PLANTS, except where otherwise noted, are 15 cents each; $1.25 per 10; $10.00 per 100.

HARDY BUTTON CHRYSANTHEMUMS—Continued

Brown Bessie. Brown button.
Cerise Queen. Deep cerise.
Climax. Deep rose.
Down. Day-break pink, fresh.
Elegantha. Deep pink, white edges.
Fashion. Maise-yellow.
Fred Peele. Light lilac; leaves scented.
Hamlet. Violet-red.
Ladysmith. Rosy lilac, tinged salmon
Pettilant. Creamy sulphur.
Rosenante. Blush rose.
S. Melanie. Splendid, pure white.
Trojan. Maroon, very profuse and fine.

Anemone-Flowered, or Single Pompon Chrysanthemum

Aaron. Bronze-scarlet.
Clara. Pearl-white.
Rosy Morn. Silvery-pink.
Wallis. Pure yellow.

Hardy, Large Flowering Double Japanese Chrysanthemums

Large Pink
Large White
Large Yellow
Large Crimson

Chrysanthemum Hybridum. SHASTA DAISY. Lovely daisy-like flowers, with large petals of white; pure as Shasta's snows. Grows 18 inches high.

CLEMATIS Davidiana. A shrubby plant that blossoms in August and September. Fragrant bell-shaped flowers, of deep lavender-blue. 2 to 3 feet.

No. 1, Digitalis, or Foxglove.
No. 2, Gaillardia, or Blanket Flower.

Clematis Recta. Clusters of showy flowers in June. Pure white and delicate. 2 to 3 feet. Price, 25 cents each; $2.00 per 10.

CONVALLARIA Majalis. LILY-OF-THE-VALLEY. Many people still demand this old-time flower, and treasure even poetic thoughts concerning it. It is best planted in some nook where it is partially sheltered. Price, 25 cents each; $2.00 per 10; $15.00 per 100.

COREOPSIS lanceolata grandiflora. Nothing could be prettier in its way than this flower with its rich golden-yellow blossoms (one of the strongest colors for landscape effects), and good for cutting. June and throughout the Summer. 3 feet.

C. rosea. A low border and rockery plant, with small pink flowers. August to September. 1 foot.

Delphinium. Larkspur

Stately flowers that inspire and create great love for this class of plants; and they supply a color and form that nothing else gives. June to September. 2 to 4 feet.

DELPHINIUM Belladonna. Bright azure. Price, 25 cents each; $2.00 per 10; $15.00 per 100.

D. Chinense. Cut-leaved variety. A desirable sort. Light blue.

var. alba. Same as above, but has white flowers.

D. formosum. Strong, robust plants; dark blue, with white eye.

DIANTHUS barbatus. SWEET WILLIAM. The characteristic old-fashioned garden always had some of these attractive plants. In May and June they flower in clusters of red, pink, white and many pretty variations. 1½ to 2 feet.

Assorted colors, including the best
Single Pink
Single White
Single Scarlet
Velvety Maroon.

D. latifolius atrococcineus fl. pl. This ever-blooming Sweet William is very showy, with crimson flowers throughout the Summer.

DIANTHUS plumarius. HARDY PINKS. Old-time favorites that require little attention and flower bountifully each year. They are valued for edging, also in rockeries or wherever a low plant is needed. Clove-scented flowers in May and June. Assorted colors.

DICENTRA spectabilis; syn. Dielytra. BLEEDING HEART. Long, graceful racemes of pink, heart-shaped flowers in May and June. 1½ feet. Price, 20 cents each; $1.50 per 10; $12.00 per 100.

DICTAMNUS fraxinella. A good perennial that improves with age if left in a permanent position. Flowers of a soft rose; spiky form. 2 to 3 feet. July.

Digitalis. Foxglove

A splendid strain of familiar old fashioned plants that grow 3 to 4 feet high and flower in June. See illustration opposite.

Digitalis Gloxinæflora. Spotted with soft colors of rose, lilac and white.

D. grandiflora. Flowers lemon-yellow.

D. Maculata superba. A choice strain of handsome spotted sorts.

D. Monstrosa. MAMMOTH FOXGLOVE. Huge flowers of assorted colors.

ERYNGIUM Amethystinum. SEA HOLLY. Stiff looking amethyst-blue flower heads. Spiny blue-green foliage. July to September. 2 to 3 feet.

EUPATORIUM ageratoides. WHITE SNAKEROOT, OR THOROUGH WORT. Dense, flat heads of white flowers on stems 3 to 4 feet from August to September. Effective and good for cutting.

E. Fraseri; syn. aromaticum. Stronger grower than the above and a little later to flower.

E. purpureum. JOE PYE WEED. Flat clusters of rosy-purple flowers in August and September. One of the best natives and a vigorous grower. 4 to 6 feet.

Funkia. Plantain Lily

Valued for their large attractive foliage and conspicuous flowers. Will grow in full sunlight or in shaded and moist places. July to August. 2 ft.

FUNKIA cœrulea. Green leaves; blue flowers.

F. subcordata grandiflora. White, fragrant flowers. Green leaves.

F. undulata media picta. Green and white variegated foliage. Deep blue flowers. Lower grower than the other kinds; fine for edging.

GAILLARDIA grandiflora. BLANKET FLOWER. This plant is at home in any soil; and has qualities that make it a leader among herbaceous plants. Good for cutting; and its gorgeous colorings of scarlet-crimson and vermillion, stand out in a bright attractive way, when planted among other perennials in the border. Flowers continuously from June until frost. 2 feet high. See illustration, page 72.

GEUM atrosanguineum fl. pl. AVENS. Pretty plants with rough, dark green foliage and vivid cerise-scarlet flowers on stems 12 to 18 inches high. June to July.

GILLENIA trifoliata. BOWMAN'S ROOT, OR INDIAN PHYSIC. A good perennial with trifoliate foliage and white flowers. Blooms in June and July. 2½ to 3 feet.

Gypsophila. Baby's Breath

GYPSOPHILA acutifolia. A favorite, delicately formed plant that bears a profusion of tiny white flowers which are splendid for use in bouquets. July and August. 3 feet.

G. paniculata. A little more delicate than the foregoing and later to flower. 3 feet.

HELENIUM. autumnale superbum. A desirable perennial, especially valued for use in connection with shrubbery borders, where its tall stems laden in late Summer with deep golden-yellow flowers, show off to best advantage.

H. Riverton Beauty. Rich yellow, with very dark center. Profuse bloomer. August to September. 3 to 4 feet.

HELIANTHUS. HARDY SUNFLOWER. Strong growers; succeeding anywhere. Useful in connection with shrubbery borders, in clumps by themselves, as well as all herbaceous plantings. They grow 4 to 5 feet high, and in August and September bear golden-yellow flowers.

H. mollis grandiflorus. Beautiful lemon-yellow flowers.

A bouquet of German Iris. A hardy flower border will contain many kinds of perennials that may be used for beautiful house and table decorations.

Helianthus Orgyalis. Odd drooping foliage, with yellow flowers.

H. Wolley Dod. One of the best, with deep yellow flowers in September.

HELIOPSIS pitcheriana. A continual bloomer from early Summer until late in the season. Abundant, deep golden-yellow flowers, about 2 inches in diameter, borne on stems 3 to 4 feet high.

H. scabra major. ORANGE FLOWER. A desirable herbaceous plant, which bears very large flowers of a beautiful deep golden-yellow color. Begins to flower early in the season, and continues the entire Summer. Valued for cutting.

HEMEROCALLIS flava. YELLOW DAY-LILY. A profusion of large, fragrant yellow lilies during July and August Grows in upland or in partial shade and moist places. 3 feet.

HESPERIS matronalis. SWEET ROCKET. Showy flowers that resemble Phlox, are borne on stems 2 to 3 feet high in May and June. Soft pink and white.

HEUCHERA sanguinea. Grows 1½ to 2 feet high, and forms a compact tuft of foliage. Spikes loaded with bright coral-red flowers. Good for rockeries. July and August.

Hibiscus. Mallow

HIBISCUS Moscheutos, VAR. CRIMSON EYE. A woody plant, often 5 feet in height. It is fond of moist places, although it grows well in drier soils. In September it bears large, single flowers, with crimson centers, and pink or white outer petals. It is a beautiful plant in bloom, and especially suited for mixed borders and water-side plantings.

PRICES OF PERENNIAL PLANTS, except where otherwise noted, are 15 cents each; $1.25 per 10; $10.00 per 100.

Hollyhocks

Everyone knows these grand old garden plants. We have them in various colors, they make beautiful perennial hedges and backgrounds for other plants. In colonies about house foundations and in garden corners, they scarcely have an equal.

Double Pink
Double Red
Double White
Double Salmon Rose
Single assorted
Single Red

Hollyhock, var Walla Walla. Rosettes of carmine, pink. Vigorous grower.

HYPERICUM Moserianum. GOLD FLOWER. A most beautiful plant, with bright green leaves and waxy, golden-yellow flowers, that are doubly attractive because of their numerous yellow stamens. 1 foot. Price, 25 cents each; $2.00 per 10; $15.00 per 100.

IBERIS sempervirens. HARDY CANDYTUFT. A dwarf plant with evergreen foliage, valued for rockeries and edgings. Pure white flowers in April and May.

Iris. Fleur-de-Lis

Popular herbaceous plants that come up year after year, and each season stronger and more floriferous than the previous. They grow in clumps and do well in almost any soil. Their colorings have a wide range, and many are delicate in pencilings of softest shades. They can be appreciated in beds, in borders, along water edges and in both formal and wild gardens.

German Iris (Iris Germanica)

The German Iris begins flowering about the middle of May and continues in bloom nearly four weeks; when they are succeeded at the middle of June by the Japan Iris. Prices of German Iris, excepting where otherwise noted.

	Each	10	100
Strong plants............	$0 15	$1 25	$10 00
Extra heavy clumps......	25	2 00	15 00

ADONIS. A deep blue. Fine and earliest to flower.

Charlotte Patty. Standards golden-yellow; falls lightly veined with blue.

Florentina alba. White, slightly fragrant and early.

Garrick. Upper petals, delicate light blue; lower, a darker violet blue.

Madame de Bonne. Pure yellow, distinct and handsome.

Madame de Brabant. Standards lavender; falls purple, streaked.

Madame Chereau. White, with a delicate fringe of blue. Distinct; tallest grower.

Pallida. Carmine-purple; delightfully fragrant, beautiful and good.

Pauline. Light blue; lower petals slightly darker. A splendid late sort.

Reine de Pays. Standards saffron-yellow, falls carmine-maroon, lightly veined.

William III. Standards pink, falls a little darker; a grand sort. Price, 25 cents each; $2.00 per 10.

Japan Iris (Iris Kæmpferi)

Prices of all the varieties, 25 cents each; $2.00 per 10; $15.00 per 100.

Datedogu. Rich, claret-red; orange blotches, blue halo.

Gekka-no-nami. Pure white; yellow blotches.

Kagaribi. Brilliant ruby, feathered white; yellow blotches.

Kakujakuro. Blue and purple, heavy feathered white; yellow blotches.

Kumona-no-sora. White, sky-blue zone.

Yedo-kagami. Crimson; orange blotches, with blue halo.

Siberian Iris (Iris Siberica)

Smaller flowers than the preceding types; in May and June. Splendidly adapted for mass and water-side plantings. See illustration below.

Price, 15c. each; $1.25 per 10; $10.00 per 100.

Iris Siberica. Blue.

var. alba. White, veined with lilac.

LATHYRUS latifolius. EVERLASTING, OR PERENNIAL PEA. Climbs 8 to 10 feet in height and produces clusters of large, rosy-red, pea-shaped flowers the entire Summer. Useful for cutting.

var. Pink Beauty. Shell pink flower.

LAVENDULA vera. LAVENDER. This sweet-scented plant is pretty in midsummer with blue flowers 1½ ft. high, but it is also planted for the aromatic leaves retaining their fragrance long after they are cut.

LIATRIS elegans. BLAZING STAR, OR GAY FEATHER. Dazzling rosy-purple spikes, 4 to 5 feet high, lasting a long time in July and August.

LINUM perenne. FLAX. Early in May this plant begins to bloom profusely and flowers for several weeks. The flowers are delicate and of a magnificent azure-blue color. A splendid plant for colony plantings, especially in natural landscapes. 2 feet.

Siberian Iris, showing how well it is adapted to water-side planting.

LOBELIA cardinalis. Cardinal Flower. A native of North America. Its scarlet flowers are borne on stems 2 to 3 feet high in August and September. Good for massing in moist places.

var. syphilitica. A strong growing native, with light blue flowers.

LUPINUS polyphyllus. Lupine. A tall, stately plant, 3 to 5 feet high, with long spikes of deep blue flowers in June and July. Price, 25 cents each; $2.00 per 10.

var. rosea. Showy rosy-pink flowers, otherwise as above. Price, 25 cents each; $2.00 per 10.

LYCHNIS chalcedonica. London Pride. An especially desirable perennial, with brilliant heads of orange-scarlet flowers from June to August. 3 feet.

L. Haageana. Brilliant scarlet flowers, in June and July, producing much the same effect as a bed of scarlet Geraniums. 1 foot.

LYSIMACHIA nummularia. Creeping Jenny. Valued for places where grass will not grow. Yellow flowers and very attractive glossy, green foliage.

LYTHRUM roseum superbum. Rose Loosestrife. Grows about 3 feet high, and from July to September is bright with spikes of rose-colored flowers.

MENTHA piferita. Mint. This old garden favorite is valued for its sweet fragrance. The true Peppermint.

MONARDIA didyma splendens. Bergamot. Bright scarlet flowers on spikes 2 to 3 feet high during July and August.

var. fistulosa alba. White flowers. Delightful fragrance.

var. rosea. A pretty rose-colored form.

MYOSOTIS palustris semperflorens. Forget-me-not. This popular little plant blooms from May until late Autumn, bearing a profusion of small, pale blue flowers. Grows 8 to 10 inches high. Price, 10 cents each; 75 cents per 10; $6.00 per 100.

M. Alpestris robusta grandiflora. Larger flowers than the above, otherwise quite similar. Price, 10 cents each; 75 cents per 10; $6.00 per 100,

Œnothera. Evening Primrose

Showy border plants, with different-colored flowers that bloom all Summer.

Œnothera Fraseri. Beautiful rich yellow. 1½ feet.

Œ. fruticosa major. A wealth of yellow flowers in mid-summer. 1½ feet

Œ. speciosa. A pure white sort, with exceptionally large and desirable flowers. 1½ feet.

PAPAVER nudicaule. Iceland Poppy. Cup-shaped flowers, on stems about a foot high. The plants form compact tufts of foliage and are showy with white, yellow, orange and scarlet flowers. June to October.

Papaver Orientalis. Oriental Poppy. Flaming intense orange-scarlet flowers. One of the showiest of all perennials and a raging favorite. 3 feet. June.

PENTSTEMON barbatus torreyi. Beard-Tongue. Scarlet flowers that last a long time, and evolve into seed-pods that in themselves are attractive, and add a touch of color to the border. June to August. 3 to 4 feet.

P. digitalis. A border and rockery plant, with spikes of long, purple-white flowers in June and July. Grows 2 to 3 feet high.

P. pubescens. A more dwarf kind, with bright rosy-purple flowers from June to August.

Platycodon. Balloon Flower, or Chinese Bellflower. See description, page 76.

Pæonies

These old-time favorites are being planted more than ever before. They are admirable in open borders, beds along walks and drives; well suited to intermingle among either shrubs or perennials. Their great flowers are perfectly formed, and some are fragrant and as delicately colored as a rose. Pæonies grow best in rich, deep soils and sunny positions. They flower showingly at the close of May and in June.

PRICES OF PÆONIES: 25 cents each; $2.00 per 10.

Courronne de Or. White with yellow reflex; center petals bordered with red.

Delachei. Dark claret-red.

Duke of Wellington. Sulphur-white; fine form.

(Continued on page 76.)

PRICES OF PERENNIAL PLANTS, except where otherwise noted, are 15 cents each; $1.25 per 10; $10.00 per 100.

PÆONIES—Continued

Festiva maxima. Pure white flaked with purple.

Gigantea. One of the finest red varieties. Flowers large and perfect.

Golden Harvest. Creamy-white, with center shading to yellow.

Jeanne de Arc. Rose; center sulphur-yellow.

Modeste Guerin. Rich, rosy-purple.

Marie Lemoine. Rosy-blush, yellow center, carmine spotted; late.

Rosea superba. Light rose. Very large.

Souvenir de L'Exposition Universalle. Light cherry.

Triumph de L'Exposition de Lille. Soft rose, with white reflection.

Pæonia Officinalis

This type flowers a little earlier than the above varieties.

Officinalis alba. Blush white.
Officinalis rosea. Bright rose.
Officinalis rubra. Rich crimson.

PÆONIA Moutan. Japanese Tree Pæonies. These are dwarf shrubs that flower earlier than the herbaceous varieties. The flowers are large and beautiful. We offer assorted colors. 75 cents each; $7.00 per 10.

The Cornflower Aster (Stokesia cyanea), whose rich blue flowers continue uninterruptedly from July to October. See description on opposite page.

Phlox

Phlox set the garden aglow with pure colors from ivory-white to the most dazzling flames of scarlet and cardinal. They grow in any soil, are very hardy, and where bloom and color are needed, they are without a rival.

PRICES of all Phlox, 15 cents each; $1.25 per 10; $10.00 per 100.

Beranger. Shell pink, with darker eye. Large heads.

Champs Elysses. Rich purplish-crimson.

Coquilicot. Scarlet. One of the best.

Coran d'Ache. Cerise-pink, free flowering.

F. G. Van Lassburg. Pure white.

General Von Heutsz. New brilliant salmon-red, with white center.

Mrs. Jenkins. Best early white.

Selma. Pink, with cherry-red eye.

PHLOX sublata. Moss, or Mountain Pink. A low-growing, half-creeping evergreen, that is buried in very early Spring beneath a multitude of little flowers. It is a splendid thing for a ground cover in barren places, for rockeries, graves and bedding. Price, 10 cents each; 75 cents per 10; $6.00 per 100.

var. alba. White.

var. rosea. Bright rose color.

PHYSOSTEGIA Virginica. A splendid Summer-flowering perennial, with long spikes of showy, soft, pink flowers, valued for bouquets. 3 feet.

var. alba. Pure white.

PLATYCODON grandiflora. Balloon Flower, or Chinese Bellflower. Resembles the Campanula in appearance, and blooms continuously from June until October. Grows about 2 feet high. The flowers are deep blue and are 1 to 1½ inches across. See illustration, page 75.

var. alba. A white flowered form of the above.

PLUMBAGO larpente. Lead Wort. A low spreading plant, with a profusion of indigo-blue flowers, toward the latter part of Summer. 8 inches.

POLYANTHUS. See Primulas below.

POLYGONUM compactum. A very good plant in any position; has a smothering mass of soft cream-white bloom, with reddish-green foliage suggestive of its name, "Knot weed". August and September. 18 inches.

PRIMULA elatior. Oxlip. Low-growing plants, bright with yellow blossoms in early Spring.

P. veris. English Cowslip. A favorite, low growing plant, whose early Spring flowers include a wide range of colors. Splendid for edgings.

PYRETHRUM hybridum. These beautiful plants with feathery foliage and blooms like painted daisies, are truly an artist's flower. 2 feet. June. The plants we offer are of good assorted colors.

P. uliginosum. Pure white, with a strong growing habit; giant daisy-like flowers.

RANUNCULUS acris fl. pl. This is the little double Buttercup and the plant has a running habit. Fine for hillside planting.

RUDBECKIA laciniata fl. pl. GOLDEN GLOW. From July to September, the tall, swaying stems are aglow with golden-yellow dahlia-like flowers.

R. Newmani. All Summer this plant, that grows about 3 feet high, is covered with large, orange-yellow, daisy-shaped flowers that have dark brown centers and resemble a Black-Eyed Susan. They are fine for cutting and a splendid border plant.

R. purpurea. GIANT PURPLE CONE-FLOWER. Large reddish-purple flowers often 4 inches in diameter, that are most showy from July to October. 3 to 4 feet.

SALVIA azurea. A Rocky Mountain species that grows 3 to 4 feet high and is laden in August and September with a profusion of small sky-blue flowers. Most effective when planted in colonies or masses.

SAPONARIA Caucasica flore pleno. BOUNCING BET. White flowers all Summer and Fall. Will grow among cinders and the poorest soils where little else will endure.

SAXIFRAGA cordifolia. Large, dark leaves, with purple-rose flowers in earliest Spring. Price, 25 cents each; $2.00 per 10.

SCABIOSA Caucasica. BLUE BONNET. An excellent plant with heads of blue flowers, the florets of which have ragged edges. Long stems that make them fine for cutting. Grows 2 feet and blooms continually from June to September.

SEDUM acre. STONECROP, OR LOVE TANGLE. Splendid spreading plant with deep green foliage. Good for wall gardens, rockeries, covering graves, etc. One of the best carpet plants.

S. sexangulare. A dark-leaved sort, useful in rockeries. Yellow flowers.

Sedum Sieboldi. A metallic-leaved variety of much beauty. Rose-colored flowers. Grows 10 inches.

S. spectabilis. BRILLIANT STONECROP. A short, stocky plant, with broad, thick, oval leaves of cactus-like appearance. Flat terminal clusters of rose-colored flowers in late Summer and Autumn. 1 to 1½ feet.

S. Spurium. Pink flowers on tufts of green foliage. 6 inches.

SHASTA DAISY. See chrysanthemums, page 72.

SOLIDAGO Canadensis. GOLDEN ROD. The Golden Rod and Asters are a combination of nature's composing. The spray of perennial gold terminating with each season's growth is on stems 3 to 5 feet. September to October.

STATICE latifolia. SEA LAVENDER. Great airy panicles of lavender-colored flowers all Summer. Unequaled for bouquets, lasting long when cut; delicate and handsome.

STOKESIA cyanea. CORNFLOWER ASTER. This perennial is esteemed for its all around good qualities. Grows about a foot high, has large blue aster-like flowers which measure 1½ to 2 inches across. August and September. 1½ to 2 feet. See illustration on opposite page.

THALICTRUM adiantifolia. Foliage resembles Maidenhair Fern. Clusters of delicate, yellow flowers. June and July. 1 foot.

TRITOMA. FLAME FLOWER. TORCH LILY, OR RED HOT POKER. We offer this plant in a nice assortment of colors. 2 to 3 feet. August and September.

T. Pfitzerii. Brilliant spikes of orange-scarlet flowers. Price, 25 cents each; $2.00 per 10.

TUNICA saxifraga. A low border or rockery plant, with fine, delicate foliage. It bears minute pinkish-white flowers all Summer.

VERONICA longifolia subsessilis. SPEEDWELL. Slender spikes of blue flowers in July and August. A splendid perennial. 2 feet.

V. spicata. Branched stems, with spikes of deep blue flowers in August and September. A good plant for general use.

A Certificate of Inspection, testifying to the freedom of our stock from insect pests or disease, accompanies every shipment we make.

ORNAMENTAL REEDS AND GRASSES

THERE are few things more effective in landscape work than this class of plants. They are strong, rapid growers in almost any soil. During the close of Summer they come into bloom and are most showy and ornamental with their large flower-plumes. The Arundos are straight and erect, the Grasses slender and graceful. Both are excellent for bedding. Each is equally well suited for mixed plantings of any kind. They annually increase in beauty and give so much satisfaction that we do not hesitate recommending them for more extensive use.

ARUNDO donax. Giant Reed. A tall reed, that partakes of the same nature as a corn-stalk, with most beautiful, long, narrow leaves. A showy plant, well suited to border planting or in other places that will suggest themselves.

Each	10
$0 25	$2 00

BAMBUSA. Bamboo. These odd and interesting plants from the semi-tropics have been found hardy here, and are decorative in many places. A slight Winter protection is desirable, but not entirely necessary. We offer the varieties Aurea Simoni and Henonis. 75 cents each.

Eulalia Japonica, var. Zebrina. A beautiful grass for Summer and Autumn effects.

ERIANTHUS Ravennæ. Plume Grass, or Hardy Pampas. Grows 9 to 12 feet high. Sends up a great lot of silvery flower plumes. Very similar to the Pampas Grass.

	Each	10	100
Strong root divisions.....	$0 15	$1 25	$10 00

EULALIA gracillima univittata. Japan Rush. A beautiful, tall, swaying grass, with narrow green leaves and silvery-white midrib. The brown tassels which adorn the plant during the Fall of the year make it especially attractive at that season.

	Each	10	100
Strong root divisions......	$0 15	$1 25	$10 00
Good clumps...........	25	2 00	15 00

E. Japonica variegata. The long, narrow leaves are striped with a band of white. A graceful and beautiful plant.

	Each	10	100
Strong root divisions.....	$0 15	$1 25	$10 00
Good clumps...........	25	2 00	15 00

var. Zebrina. Similar to the above, save that stripes of yellow run across the leaves. Grows the tallest of all Eulalias and has long, slender plumes of a grayish brown color.

	Each	10	100
Strong root divisions.....	$0 15	$1 25	$10 00
Good clumps...........	25	2 00	15 00

GYNERIUM argenteum. Pampas Grass. Grows 8 to 10 feet high in a season, and is most ornamental with its long, silvery plumes; needs slight protection.

	Each	10
Strong root divisions.............	$0 25	$2 00

One of the distinguishing features of our nursery is that we raise nearly all the stock we sell and dig it freshly for each order, and do not carry it in storage cellars. Another advantage is that our stock for the most part is acclimated and more likely to endure our American climate than imported plants are.

HARDY FRUITS

APPLES

Strong selected trees: 75 cents each; $5.00 per 10; $35.00 per 100.

Early Apples

Early Harvest (Yellow Harvest). Yellow, tender and of fine flavor.

Fourth of July. Medium size; white, yellow and red striped; flesh white.

Red Astrachan. Very early; crimson, streaked with yellow; juicy.

Summer Rambo. Green striped with red, slightly sub-acid, tree vigorous and productive.

Williams' Early Red (Williams' Favorite). Large, oblong, red, rich and excellent; a good bearer.

Yellow Transparent. Pale yellow when ripe; flesh tender, juicy and good.

Autumn Apples

Autumn Strawberry. Medium size; striped with red; flesh white, tender and juicy; bears when quite young.

Fall Pippin. Large; yellow; rich and delicious. Good bearer.

Fameuse (Snow Apple). Deep crimson; flesh snowy white.

Gravenstein. Large; yellow, striped with red; among the best.

Maiden Blush. Yellow, with red cheek; fine for cooking.

Oldenburg (Duchess of Oldenburg). Streaked with red and yellow; tender and juicy; good for cooking.

Rambo. Yellowish-white, striped with red; tender, rich, mild, sub-acid, a strong grower.

Red Bietigheimer. Large, round, yellow and crimson; flesh white, with pleasant flavor.

Smokehouse. Crisp and juicy; a good eating variety.

Wealthy. White, yellow and red striped; flesh white.

Winter Apples

American Golden Russet (Sheepnose). Highly flavored and spicy. Profuse bearer and good keeper.

Bismarck. Yellow; flesh tender. Bears when young, and is very hardy.

Baldwin. Large, deep red; productive and desirable.

Bellefleur. Large; yellow, with red cheek; juicy and splendid for eating.

Ben Davis (New York Pippin). Bright red and juicy; valued for commercial purposes.

WINTER APPLES—Continued

Greening (Rhode Island). Large; greenish-yellow; rich and tender. A constant bearer.

Grimes' Golden. Fine grained and rich flavor.

Jonathan. Yellow and red striped; flesh white.

King of Tompkins County. Large, red, productive, and good for cooking or eating.

McIntosh. Yellow, streaked crimson; tender and juicy.

Nero. Red; very productive.

Northern Spy. Pale yellow, striped with red. Good keeper, and a splendid apple of excellent flavor.

Rome Beauty. Yellow and red striped; flesh yellow, crisp, sub-acid. Good bearer.

Roxbury Russet. Large, round, green; flesh white, crisp, rich sub-acid.

Seek-no-Further (Westfield). Tender and of rich flavor; medium size.

Smith's Cider. Popular, late-keeping red Apple; prolific bearer.

Staman's Winesap. Larger and more prolific than the common Winesap.

Winesap. A fine red Winter Apple that is productive.

York Imperial. Large, red Apple, of agreeable flavor.

Dwarf Apples

Their habit adapts them particularly for small yards and limited areas. Their fruit is similar in quality to the standard sorts. They commence bearing much younger.

50 cents each; $4.00 per 10

Baldwin
Duchess of Oldenburg
Gravenstein
McIntosh
Northern Spy
Red Astrachan
Wealthy
Yellow Transparent

Crab Apples

75 cents each; $5.00 per 10

Hyslop. Beautiful in flower; large, dark crimson fruit.

Gen. Grant. Large; yellow, striped red; flesh white, mild sub-acid.

Martha. Yellow, shaded with red; a prolific bearer.

Transcendent. September. Large; yellow and red; productive.

Yellow Siberian (Golden Beauty). Small; golden yellow. September.

Apricots

50 cents each; $4.00 per 10

Alexander. Large oblong fruit; mottled red; fine flavor and very hardy.

Harris. Large, golden-yellow fruit; early in July.

J. L. Budd. Large white, red cheek, sweet and fine.

Moorpark. First of August. Firm, juicy; fruit of darker color than the above.

Nicholas. Agreeable flavor; prolific bearer. July.

CHERRIES

Strong, selected trees: 75 cents each; $5.00 per 10; $40.00 per 100.

Black Eagle. Early July. Large; black; tender and highly flavored.

Black Tartarian. June. Big, dark red or black cherry of splendid flavor.

Downer's Late Red. Early July. Sweet and delicious. Not liable to rot in wet weather.

Early Richmond. June. A very productive pie or sour cherry, that is prized for cooking and preserving.

English Morello. Late July. A late red, sour variety, that is valued for culinary purposes.

Governor Wood. June. Large, white cherry, shaded with red; sweet and delicious.

Late Duke. Late July. Large, light red, very delicious.

May Duke. Early June. Large, heart-shaped, bright red; rich and excellent at maturity.

Mercer. June. Dark red; sweet; good shipper, and not liable to be wormy.

Montmorency. Early July. Large, red, tart fruit; very prolific and desirable.

Napoleon. Early July. A large, sweet, white cherry, with red cheeks.

Rockport Bigarreau. June. Large, round, red; flesh firm and of fine flavor.

Schmidt's Bigarreau. July. Large, dark color; fine, rich flavor.

Windsor. July. Large, dark red; late and sweet.

Yellow Spanish. Late June. Yellow, with red cheek; firm, juicy and delicious.

Mulberries

75 cents each; $6.00 per 10

Downing's Everbearing. This variety has very large leaves, that are quite ornamental. The fruit is large, black and rich in flavor.

New American. A broad, bushy-headed tree, that is an improved form of our common native Mulberry. The black fruits are borne profusely and are very sweet.

Russian. Bears enormous crops of small, black fruits, that attract many birds.

Nectarines

50 cents each; $4.00 per 10

Downton. White, with red cheek; highly flavored.

PEACHES

Strong selected trees. 35 cents each; $3.00 per 10; $22.50 per 100.

Alexander. July and August. Greenish-white, spotted with deep red; firm, sweet and juicy; clingstone; very productive.

Belle of Georgia. August and September. Freestone; white; excellent flavor.

Carman. August. Large, bright red cheek; flesh yellow and juicy.

Chair's Choice. August. Yellow; good quality; freestone.

Champion. August. Firm; white freestone Peach that is rich, sweet and juicy.

Crawford's Early. August and September. A large, yellow Peach of splendid quality; strong grower and prolific fruiter.

Crawford's Late. Last of September. Large, yellow freestone Peach of best quality. A prolific bearer, and a most popular variety.

Crosby. September. Medium-sized; yellow with streaks of carmine; of good quality, and hardiest variety known.

Elberta. September. A very large, yellow, freestone Peach; rich, sweet and juicy. A vigorous grower, and splendid sort for eating or preserving.

Fitzgerald. Late August. Large, round, freestone; red cheek. Flesh yellow, sub-acid and agreeable.

Fox Seedling. September. Reliable freestone, good bearing and market variety.

Globe. October. Large, golden-yellow, sweet and luscious flavor. A desirable freestone variety.

Greensboro. July. Good size, round, with red cheek, flesh white, excellent flavor; our best early peach.

Iron Mountain. October. Large, freestone, flesh white, solid, sweet and excellent.

Mountain Rose. August. Large, red, freestone Peach, with white flesh. Rich, juicy and sweet. One of the best early varieties.

Morris White. September. Firm, medium size, white, sweet and juicy.

Oldmixon Free. September. Large; yellowish-white; freestone; of excellent flavor and productive.

Reeves' Favorite. September. Large; yellow, with fine red cheek; delicious; juicy; splendid sort.

Salway. October. Large yellow, with red cheek, flesh deep yellow, juicy and rich.

Smock. September. Large oval, light yellow mottled red, flesh yellow, rich and juicy.

Stephen's Rareripe. September. Large, handsome white Peach, of finest quality; a regular bearer.

Stump the World. September. Large freestone; white, with red cheek; firm, juicy and excellent quality.

White Heath. Clingstone. Last of September. Greenish white; luscious flavor.

Yellow St. John or Flater's. August. A large peach resembles Crawford's Early, but richer color, flesh yellow, sweet and high flavored.

Persimmons

75 cents each; $5.00 per 10

American. Our native species, which bears so abundantly.

Kaki. Japan Persimmon. Not hardy north; small tree, fruit large and of excellent quality.

PEARS

Strong, selected trees: 75 cents each; $5.00 per 10; $40.00 per 100.

Summer Pears

Bartlett. September. A popular variety, with large, yellow fruit; sweet and juicy. Excellent for eating or preserving; prolific bearer; strong grower.

Clapp's Favorite. September. Large; pale yellow, with crimson cheek; fruit fine-grained and good for eating. Should be picked early and ripened indoors.

Koonce. July. Yellow fruit; good quality.

Manning's Elizabeth. August. Medium size, excellent flavor and very productive.

Osband's Summer. August. Medium-sized; yellow, with reddish-brown cheek.

Wilder. August and September. Yellow; fine-grained, and probably the best early market variety.

Autumn Pears

Beurre d'Anjou. Late October. Large; russet-yellow; excellent flavor and a prolific bearer.

Beurre Bosc. September and October. Large; russet; highly flavored and delicious.

Flemish Beauty. September and October. Large; greenish-yellow; sweet and juicy.

Louis Bonne de Jersey. Late September. Large; yellow, with dark red cheek; good-tasted.

Seckel. September and October. A little brown Pear, exceptionally sweet and juicy.

Sheldon. October. Large; russet and red; rich, melting and juicy; fine flavor.

Worden-Seckel. September and October. Resembles the old-fashioned Seckel Pear; is equally good and larger.

Winter Pears

Beurre Clairgeau. September. Large; yellow, shaded with crimson; juicy and sweet-flavored.

Duchess de Angouleme. Very large, oblong, russet-color; flesh white, with rich buttery flavor. A strong grower.

Duchess de Bordeaux. Large; yellow, with russet cheek; sweet and good keeper.

Kieffer. Very vigorous and productive, even when young; fruit large and yellow; a good keeper.

Lawrence. November. Rather large, yellow pear, of splendid, rich flavor.

Dwarf Pears

50 cents each; $4.00 per 10

Bartlett. September. Familiar, large, yellow pear, that is splendid for cooking or eating.

Beurre d'Anjou. Late October. Large; russet-yellow; excellent flavor.

DWARF PEARS—Continued

Duchess d'Angouleme. October. Large, greenish-yellow pear; rich and juicy; desirable sort.

Louis Bonne de Jersey. October. Large; greenish-yellow, with red cheek; juicy; good-tasted.

Seckel. September and October. A little brown pear, exceptionally sweet and juicy; delicious for eating.

Plums

Strong selected trees. 75 cents each; $5.00 per 10; $40.00 per 100.

Bradshaw. August. Large; red; valuable for market.

German Prune. September. Dark purple; agreeable flavor and valued for drying.

Gueii. Late August. Large, blue fruit; flesh yellow, sweet and pleasant; good freestone variety.

Imperial Gage. Middle of August. Good size; freestone; greenish in color; sweet and juicy.

Lombard. Last of August. Violet-red; yellow flesh; agreeable flavor; vigorous and bountiful fruiter.

Reine Claude (Bavay's Green Gage). Late September. Greenish, with red cheek; yellow, juicy flesh.

Shippers' Pride. Large; bluish purple; good-tasted and valuable commercial sort.

Shropshire Damson. Last of September. Medium-sized; dark purple; valued for preserving.

Yellow Gage. August. Medium-sized; yellow, rich and juicy.

Japan Plums

Abundance. August. Large; red-yellow flesh, sweet and rich; valued for cooking and eating.

Burbank. August. Good-sized; red; valuable domestic sort. Flesh sweet, rich and yellow.

October Purple (Purple Egg). Large; purple; flesh yellow and sweet.

Satsuma. August. Good quality; vigorous habit; purple and red.

Wickson. September. Dark red; good size; agreeable flavor; very productive.

Quinces

75 cents each; $5.00 per 10; $35.00 per 100

Champion. October. Large and productive; splendid for cooking, and a good keeper.

Meeches' Prolific. Productive; large; yellow, and one of the best for domestic purposes.

Orange, or Apple. September. Large, handsome fruit of good quality. A popular sort.

Reas' Mammoth. Large and productive; by many considered the best in cultivation.

SMALL FRUITS

Blackberries

75 cents per 10; $4.00 per 100

Erie. Early, hardy and productive; large, sweet fruit, of excellent quality.

Eldorado. Sweet, melting and rich; good bearer.

Lawton. A productive, good variety.

Rathbun. Heavy bearer; extra large; of good quality.

Snyder. Berries medium-sized, sweet and good; wonderfully productive.

Wilson's Early. Large, very early, sweet and luscious, one of the best for market purposes.

Currants

$1.25 per 10; $8.00 per 100

Black Naples. A black-fruited variety; excellent for jellies.

Cherry. Large; scarlet; of excellent quality; productive.

Fay's Prolific. Large; deep red; good commercial variety.

Pamona. Bright red; good keeper; few seeds; nice quality.

Versailles. Large, red, and of excellent quality; fine bunches.

White Grape. White; sweet and good for table use.

Dewberry

50 cents per 10; $3.00 per 100

Lucretia. A trailing vine, whose berries are similar, but sweeter than a Blackberry.

Gooseberries

Chautauqua. Large; pale green and desirable. 25 cents each; $2.00 per 10, $18.00 per 100.

Downing. Very large; whitish green; excellent for domestic use. 20 cents each; $1.50 per 10; $12.00 per 100.

Industry. Dark red; excellent sort; very productive. 25 cents each; $2.00 per 10; $15.00 per 100.

Smith's Improved. Yellow, sweet and good. 20 cents each; $1.50 per 10; $12.00 per 100.

Grapes

Strong 2-year vines. Prices, except where otherwise noted, 15 cents each; $1.25 per 10; $10.00 per 100.

Agawan. Red; large, sweet and desirable.

Brighton. Fine-tasted; excellent quality; red variety.

Campbell's Early. Large bunches, black and sweet. Vine strong and hardy. 25 cents each; $2.00 per 10.

Catawba. Late; red; medium-sized; productive; sweet variety.

Clinton. Bunches medium; berry small and black; a strong hardy grower and very productive.

GRAPES—Continued

Concord. Blue; familiar sort, that produces large bunches of berries of delicious flavor.

Delaware. Red; small, compact bunches of delicious fruit.

Moore's Early. Black; very early; in other respects similar to Concord.

Niagara. White; large; compact bunches; sweet, delicious flavor.

Pocklington. White; large clusters; big fruit.

Wilder. Black; large bunches; berries sweet and tender.

Worden. Black; large clusters; big grapes; sweet, agreeable flavor.

Raspberries

75 cents per 10; $4.00 per 100

Black Diamond. Very large, black, early; sweet and fine flavor.

Cumberland. Large, black, firm, juicy and sweet.

Cuthbert. Late red; large, firm, sweet and luscious.

Golden Queen. A large yellow berry, firm, fine quality and very productive.

Gregg. Large; early black variety, of splendid quality.

Kansas. Very large black, firm, and of excellent quality.

Loudon. A moderately early red sort, with fruit of excellent quality.

Marlboro. Handsome red berry, of good quality.

VEGETABLE ROOTS AND PLANTS

Asparagus

Strong 2-year roots: $1.00 per 100; $6.00 per 1000

Columbian Mammoth. A vigorous grower, of excellent quality, with white shoots.

Conover's Colossal. Mammoth shoots of quick and vigorous growth. A profitable market variety.

Barr's Mammoth. Large, green variety, that is a strong grower; splendid market sort.

Palmetto. Claimed to be better than Conover's Colossal, as it yields a heavier crop, that is equally desirable.

HOP VINES. 15 cents each; $1.00 per 10.

HORSERADISH. 25 cents per 10; $1.00 per 100; $6.00 per 1,000.

RHUBARB, or PIE PLANT. $1.00 per 10; $6.00 per 100.

NUTS

ALMOND. Hard shell.

	Each
3 to 4 ft.	$0 50

ALMOND. Soft shell.

	Each
4 to 5 ft.	$0 50

CHESTNUT, Japan Giant.

	Each	10
	$1 50	$12 50

CHESTNUT, Paragon. Large nuts, of good quality; prolific bearer.

	Each	10
	$2 00	$17 50

FILBERT, English. The plants offered are improved varieties having larger nuts of better quality than the native American Hazelnut.

	Each	10
3 to 4 ft.	$0 50	$4 00
5 to 6 ft.	1 00	7 50

PECAN.

	Each	10
4 to 6 ft.	$1 25	$10 00

SHELLBARK HICKORY.

	Each
6 to 8 ft.	$2 00

WHITE WALNUT, or Butternut.

	Each	10	100
8 to 10 ft.	$1 50	$12 50	$90 00

Walnut, Black. Well-known native; a grand tree, which is very ornamental; useful for the abundance of nuts that it bears.

	Each	10
5 to 6 ft.	$1 00	$7 50
6 to 8 ft.	1 25	10 00

WALNUT, English. Thin-shelled variety, which is sold at the fruit-stands.

	Each	10
3 to 4 ft.	$0 60	$5 00
4 to 5 ft.	1 00	8 00

WALNUT, Japan; syn. Sieboldii. Sweet; thin shell.

	Each	10
10 to 12 ft., 2 to 3 in. cal.	$2 50	$20 00

var. cordifolius. Sweet and equally as desirable as the above. Nut fatter in appearance.

	Each
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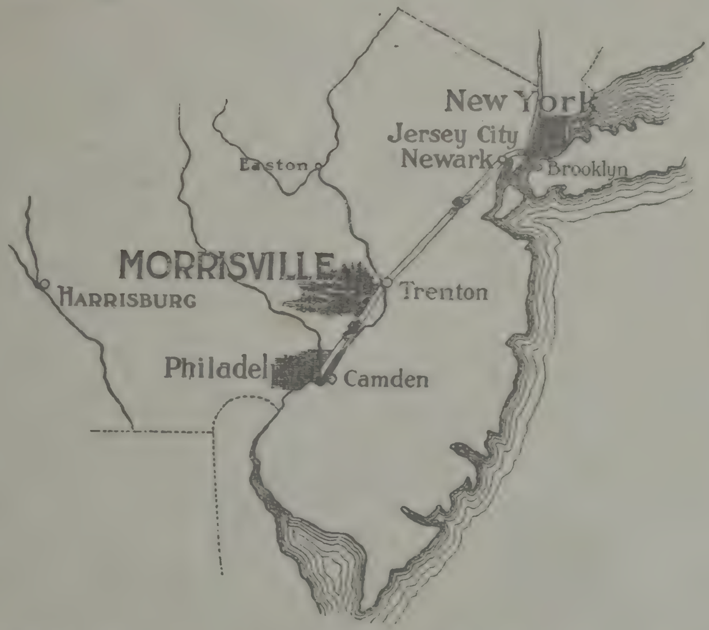

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